ORION

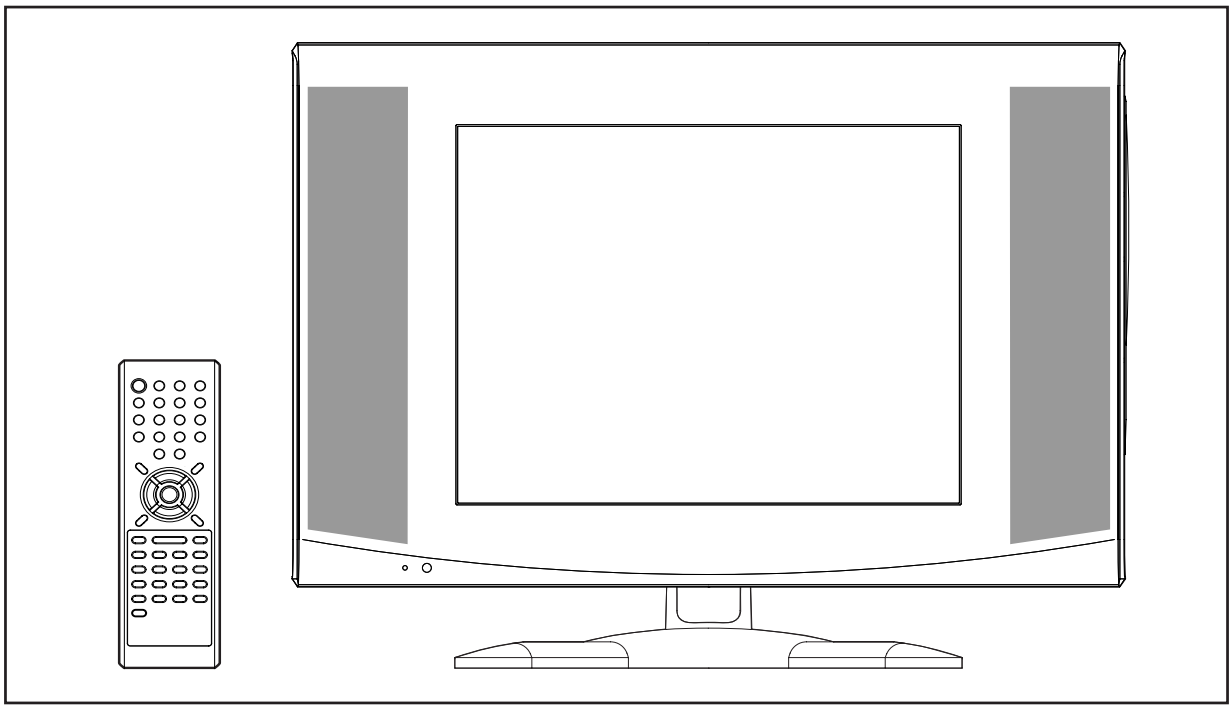
Operating Instructions

14" LCD TV with DVD Player

Region 4 / Region ALL discs only

TELETEXT

14LD



Before operating the unit, please read this manual thoroughly.

WARNING

To prevent fire or shock hazard, do not expose this equipment to rain or moisture.

MAINS SUPPLY

This unit is designed to operate from AC 240V 50Hz household mains supply.

CAUTION:

THIS UNIT IS A CLASS 1 LASER PRODUCT. HOWEVER THIS UNIT USES A VISIBLE LASER BEAM WHICH COULD CAUSE HAZARDOUS RADIATION EXPOSURE IF DIRECTED. BE SURE TO OPERATE THE PLAYER CORRECTLY AS INSTRUCTED.

THE FOLLOWING CAUTION LABEL IS LOCATED ON THE REAR PANEL OF THE UNIT.



WHEN THIS UNIT IS PLUGGED INTO THE WALL OUTLET, DO NOT PLACE YOUR EYES CLOSE TO THE OPENING OF THE DISC TRAY AND OTHER OPENINGS TO LOOK INTO THE INSIDE OF THIS UNIT.

USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.

DO NOT OPEN COVERS AND DO NOT REPAIR YOURSELF. REFER SERVICING TO QUALIFIED PERSONNEL.

FEATURES

TV
- TELETEXT Function
- On-Screen Programming
- Picture Control Adjustments
- Auto Power Shut Off
- On Screen 5 Language Display
- Sleep Timer
- Programmable ON/OFF Timer

DVD Player
- Digital Audio Jack (Coaxial)
- Multi-Language
- Multi-Angle
- Repeat Playback
- Memory/Random Playback
- Zoom
- Video Aspect Ratio
- Parental Control
- Digital output for Dolby Digital (AC-3) and DTS
- Playback of DVD, Audio-CD and MP3/JPEG-CD
- PAL & NTSC DVDs playback
- A-B Repeat playback

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* This product incorporates copyright protection technology that is protected by method claims of certain U.S. patents and other intellectual property rights owned by Macrovision Corporation and other rights owners. Use of this copyright protection technology must be authorized by Macrovision Corporation or other rights owners and is intended for home and other limited viewing uses only unless otherwise authorized by Macrovision Corporation or other rights owners. Reverse engineering or disassembly is prohibited.

* Manufactured under license from Dolby Laboratories. “Dolby” and the double-D symbol are trademarks of Dolby Laboratories.

* “DTS” and “DTS Digital Out” are trademarks of Digital Theater Systems, Inc.

PRECAUTIONS

Under certain conditions, such as low humidity or walking across wool carpet, you may experience a static discharge when touching the unit. If this happens and it fails to function, follow the procedure below.

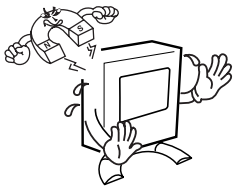


1) Un-plug the unit from the AC socket.

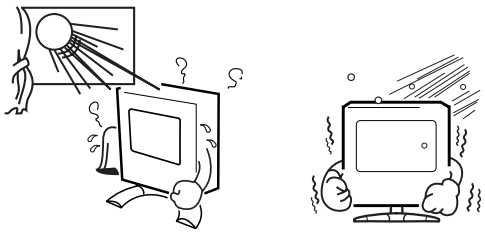
2) It may take two to three hours for the static build up to clear.

3) Re-plug the unit again.

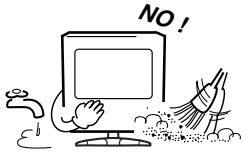
Do not place the unit on or near appliances which may cause electromagnetic interference eg. TV or hi-fi speakers, etc. Doing so may affect operation of unit causing erratic playing or recording, picture or sound distortion, or noise.



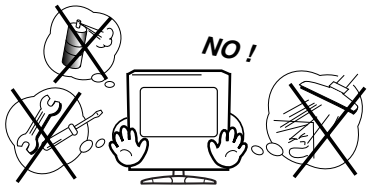
Avoid extreme heat and cold.



Avoid extreme moisture and dust.



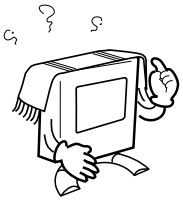
Do not insert fingers or any other objects into the loading slot. Do not spray cleaner or wax directly on the unit or use forced air to remove dust.



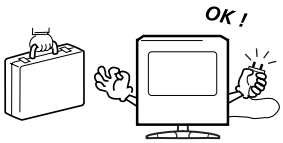
Keep the unit away from flower vases, sink etc. Liquids spilled into the unit can cause serious damages. Switch OFF the Power Supply to the unit and consult a qualified service engineer before attempting to use the unit again.



The ventilation holes prevent overheating. Do not block or cover these holes. Especially avoid covering the holes with soft materials such as cloth or paper.



When you leave your home for a long period of time, unplug the AC mains lead.

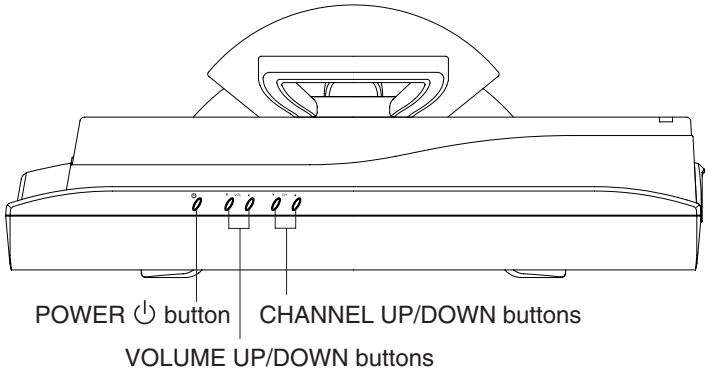


To protect the unit during a thunder storm, unplug the AC mains lead from the wall outlet and disconnect the antenna.

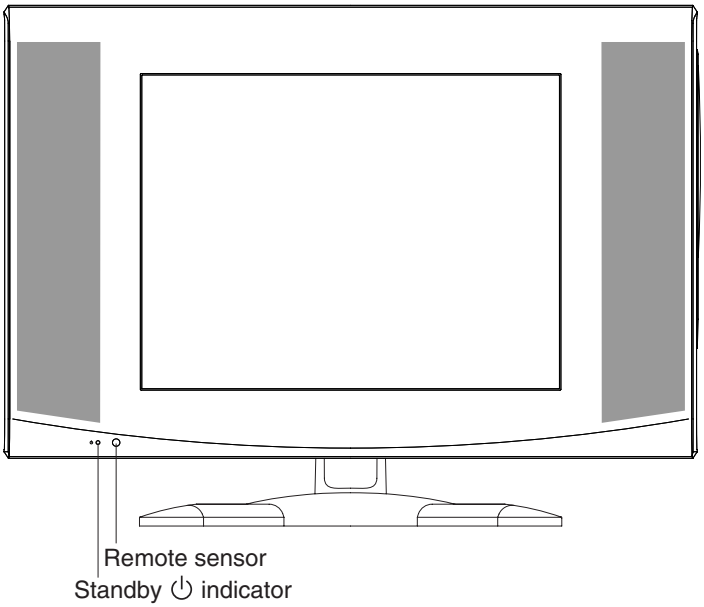


LOCATION OF CONTROLS

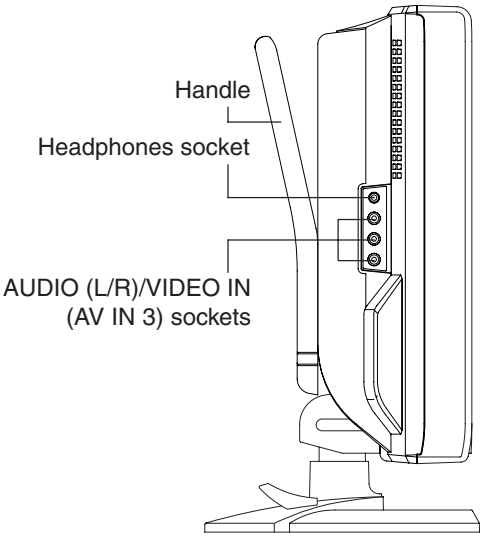
Top



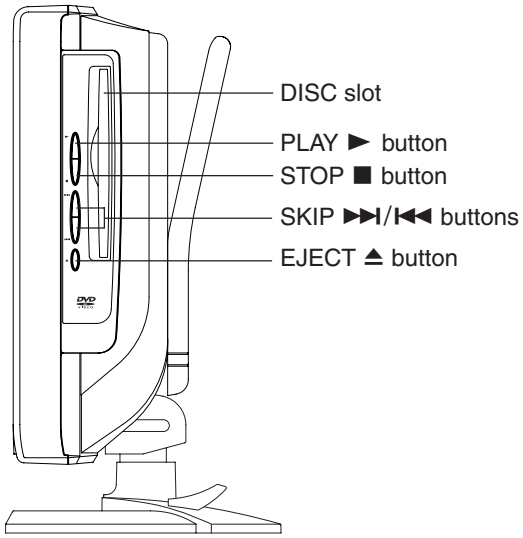
Front



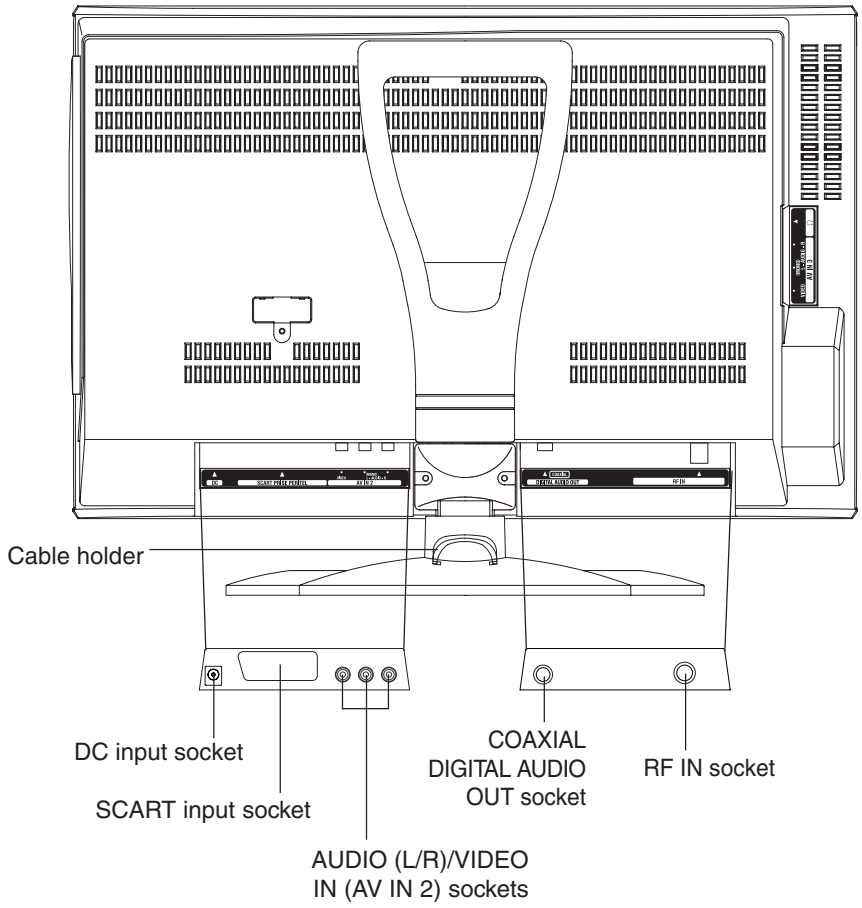
Left Side



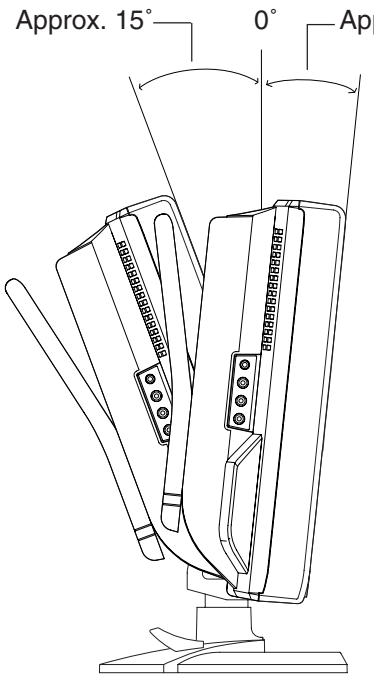
Right Side



Rear

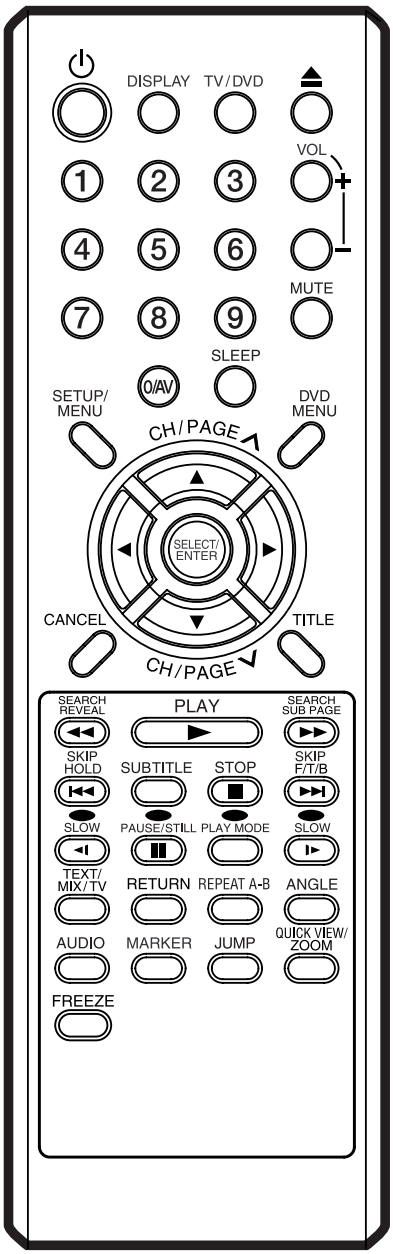


Variable TV-screen angle



You can adjust the angle of the TV-screen for 5˚ forward or for 15˚ backward from vertical angle.

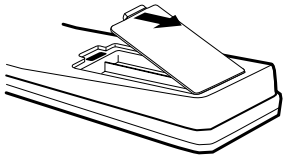
REMOTE CONTROL



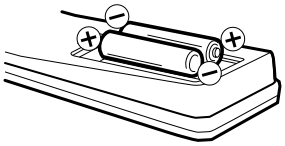
		Page
⏻	Power on/off	11,15,25,27
DISPLAY	Display TV or DVD operation status	16,25
TV/DVD	Select to operate TV or DVD	10,11,15,25,26,27
⏏ (EJECT)	Ejects the disc	27
0-9	Direct channel selection of TV	15
	Input setting	30,33
	Enter a security code	40,41,42
VOL +/–	Volume Up/Down	15
MUTE	Mute	16
0/AV	Scart Input or AV input	10,16
SLEEP	Sleep timer	16
SETUP/MENU	Display the setup menu	11~14,17~20,26,31,32,38~41,43~45
DVD MENU	Select menu of a DVD disc	37
CH/PAGE ∧/∨	Select channel of the TV	15,16
	Teletext page selection	23
▲ / ▼ / ◄ / ►	Cursor buttons	
SELECT/ENTER	Enter information in the menu/Select option in the menu	
CANCEL	Cancel input data in the setting mode	16,18,33,35,40,41
TITLE	Select title of a DVD disc	30,37
SEARCH ◄◄/►►	Reverse search or Forward search playback	28
REVEAL	Reveal	23
PLAY	Playback	27~30,34,37
SUB PAGE	Sub page	23
SKIP ⏮/ ⏭	Skip chapter to forward or reverse direction	28
HOLD	Hold	22
SUBTITLE	Set Subtitle of a DVD disc	36
STOP	Stop	27
F/T/B	F/T/B	23
SLOW ◄I/I►	Slow motion playback	28
Four Coloured buttons	Access the Teletext	22
PAUSE/STILL	Still picture	28
PLAY MODE	Select playback mode	34
TEXT/MIX/TV	Select teletext	22
RETURN	Remove DVD set up menu	26,31,32,38~45
REPEAT A-B	Repeat playback between A and B (DVD/CD)	34
ANGLE	Change playback angle of a DVD disc	37
AUDIO	Change sound track language of DVD	36
MARKER	Index for DVD	35
JUMP	Locating desired scene	33
QUICK VIEW/	Quick view	16
ZOOM	Zoom (for DVD playback)	33
FREEZE	Make a freeze framed picture	16

INSERTING BATTERY

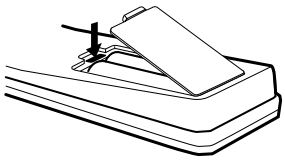
1 Open the battery compartment cover in the direction of the arrow.



2 Install two “AAA” batteries (supplied), paying attention to the polarity diagram in the battery compartment.

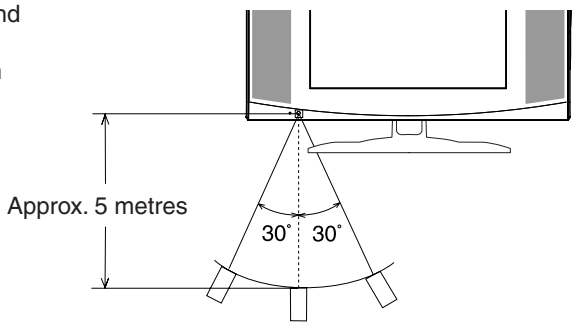


3 Replace the compartment cover.



OPERATION

- Aim the remote control at the remote sensor and press control buttons to operate.
- Operate the remote control within 30° angle on either side of the remote sensor, up to a distance of Approx. 5 meters.

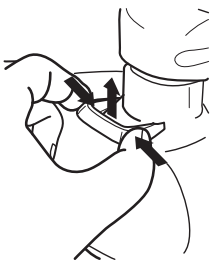


NOTES:

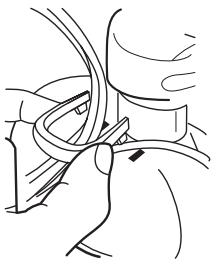
- Do not leave the remote control unit exposed to direct sunlight or in hot or humid places.
- The remote control unit uses infrared beams to transmit signals, so sunlight or fluorescent light on the remote sensor may shorten the operating distance.
- Incorrect use of batteries may cause them to leak or burst. Read the battery warnings and use the batteries properly.
- Do not mix old and new batteries.
- Remove batteries if the remote control will not be operated for an extended period of time.

TO BUNDLE THE CONNECTED CABLE

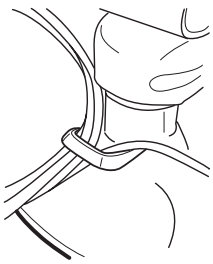
1 While pressing on both sides of the clip, remove it from the unit while pulling with an upward motion.



2 Gather up the cables between the holes of the cable holder.



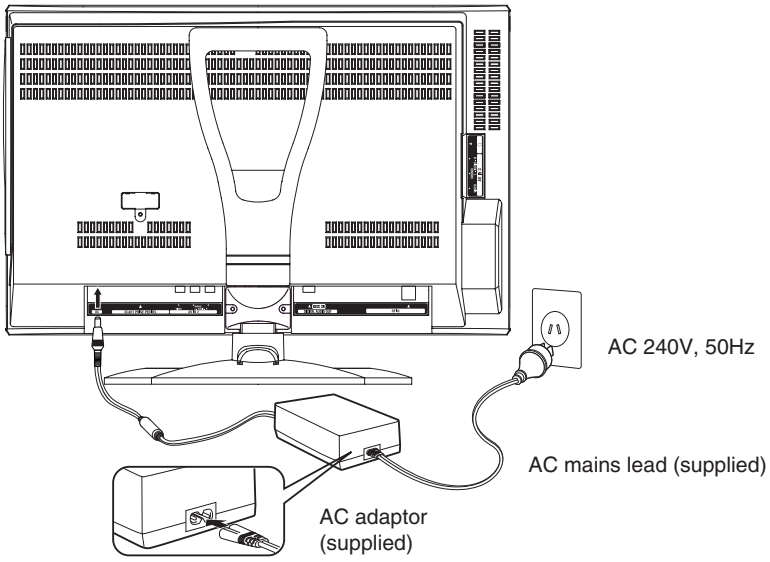
3 Replace the cable holder.



POWER SOURCE

TO USE AC POWER

1. Connect the AC mains lead to the AC adaptor.
2. Connect the AC adaptor plug into this unit's DC input socket.
3. Connect the AC mains lead into an AC socket.
4. The Standby ⏻ indicator will light.



NOTES:

- Please make sure to insert the plug of each cord securely.
- During use the AC adaptor becomes warm. This is not a malfunction.

WARNING:

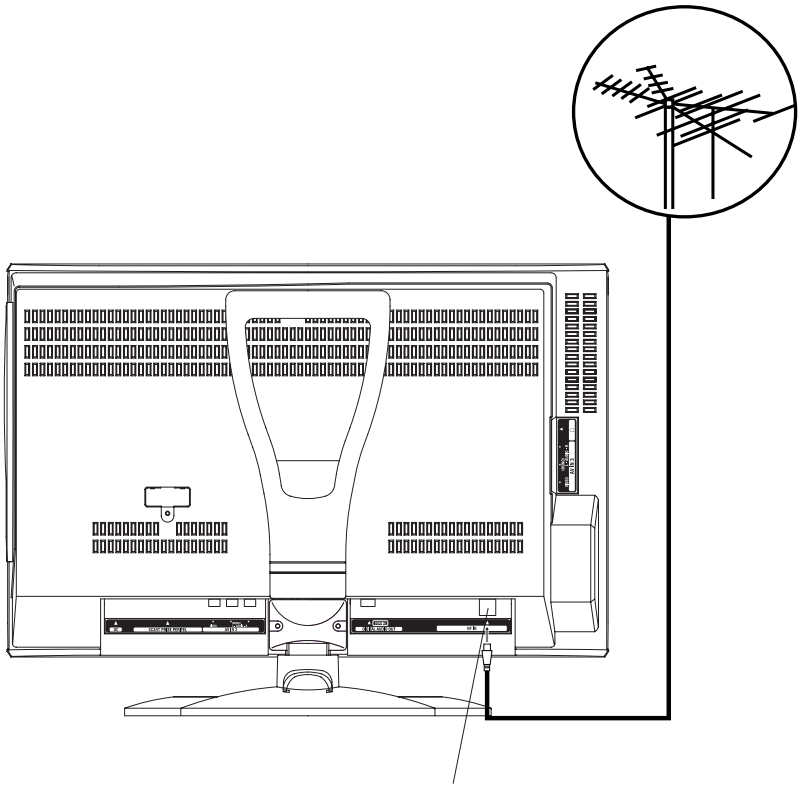
- DO NOT CONNECT THIS UNIT TO THE POWER USING ANY DEVICE OTHER THAN THE SUPPLIED AC ADAPTOR OR POWER LEAD. THIS COULD CAUSE FIRE, ELECTRICAL SHOCK, OR DAMAGE.
- DO NOT USE WITH A VOLTAGE OTHER THAN THE POWER VOLTAGE DISPLAYED. THIS COULD CAUSE FIRE, ELECTRICAL SHOCK, OR DAMAGE.

CAUTION:

- DO NOT USE THE AC ADAPTOR IF IT IS COVERED BY A CLOTH ETC., OR PRESSED INTO A NARROW AREA. THIS RESULTS IN POOR DISSIPATION OF HEAT AND MAY CAUSE FIRE, ELECTRICAL SHOCK, OR DAMAGE.
- WHEN THIS UNIT IS NOT USED FOR A LONG TIME, (E.G., AWAY ON A TRIP) IN THE INTEREST OF SAFETY, BE SURE TO UNPLUG IT FROM THE AC SOCKET.
- DO NOT PLUG/UNPLUG THE PLUG WHEN YOUR HANDS ARE WET. THIS MAY CAUSE ELECTRICAL SHOCK.
- IF YOU NEED TO REPLACE THE SUPPLIED AC ADAPTOR OR AC LEAD, THE SPECIFIED ONE IS RECOMMENDED. IN THIS CASE, CONTACT THE DEALER THAT YOU PURCHASED THE UNIT FROM.

ANTENNA CONNECTIONS

Connect an indoor or outdoor antenna to the antenna socket at the rear panel as shown below.
For all antenna circuit problems, please consult your local dealer.



EXTERNAL ANTENNA

The type of antenna required depends on the position of your home, its distance from the transmitter and local interference. If you do not have an antenna and you are uncertain of what to buy, you should seek the advice of a local antenna contractor.

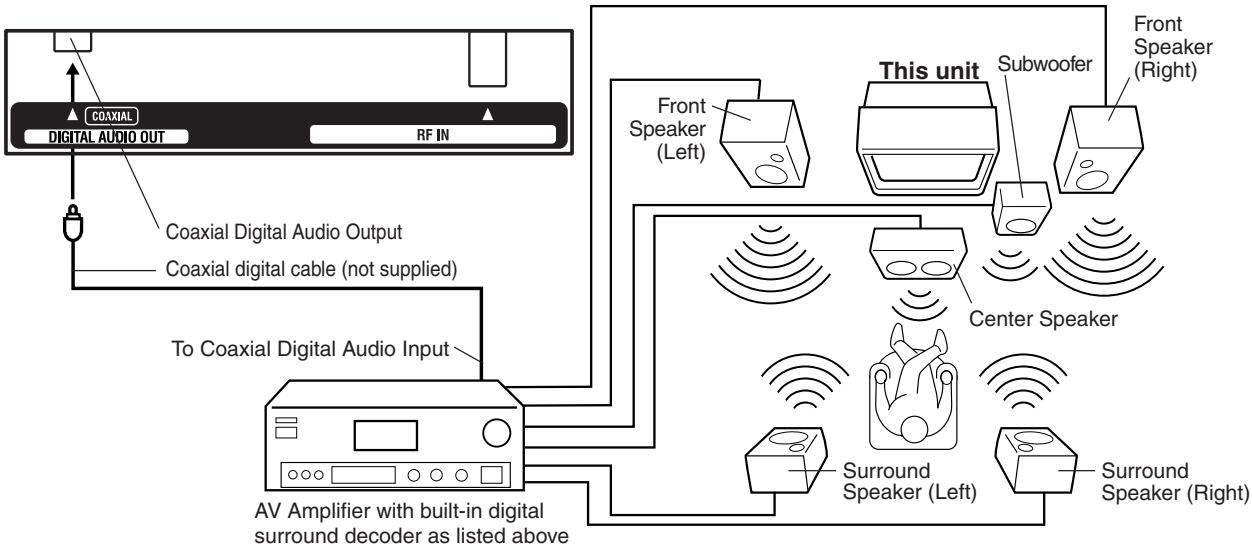
CONNECTION TO OTHER EQUIPMENT

The exact arrangement you use to interconnect various video and audio components to the unit is dependent on the model and features of each component. Check the User Guide provided with each component for the location of video and audio inputs and outputs.

Using an AV Amplifier with built-in digital surround

If you are using an Amplifier with a built-in digital surround sound decoder (such as Dolby Digital / DTS / MPEG / etc.), you can connect it as shown below.

Rear lower right of unit



* Manufactured under license from Dolby Laboratories. “Dolby” and the double-D symbol are trademarks of Dolby Laboratories.
* DTS and DTS Digital Out are trademarks of Digital Theatre Systems, Inc.

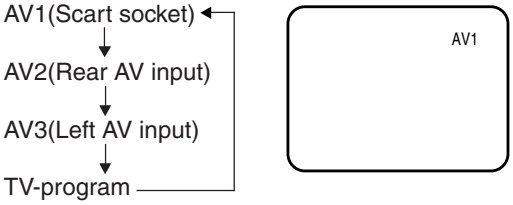
NOTES:

- When you make the connections above, make sure that the power of all units is switched off at the mains.
- Some DTS decoders which do not support DVD-DTS interface may not work properly with the unit.
- When playing DTS encoded material, the sound will only be available through the Digital Audio Output Socket.

Input Selection

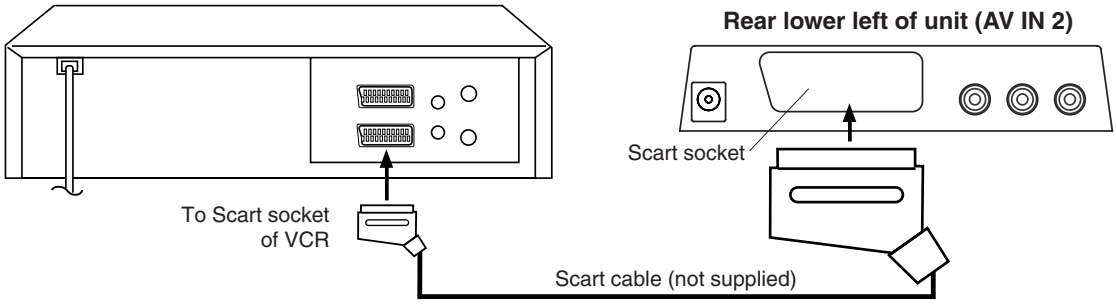
If you connect the unit to a VCR, camcorder or games console, you can select this input by pressing the **0/AV** button.

Press the **TV/DVD** button to select TV mode and then press the **0/AV** button repeatedly to select AV1, AV2 or AV3.



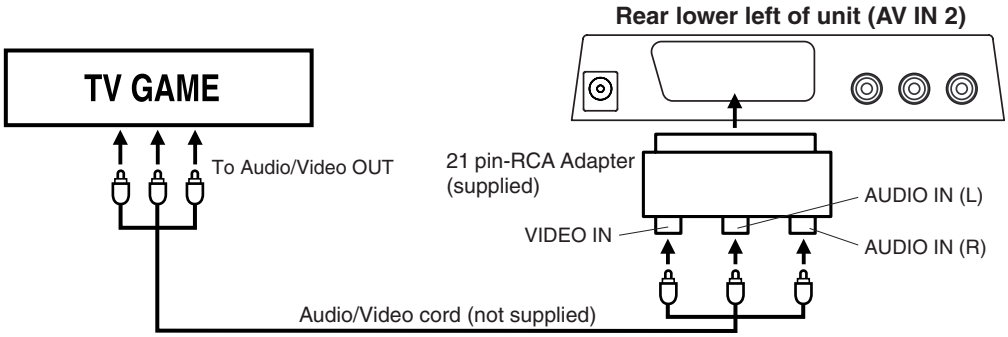
1. To connect the unit to a VCR

Press the **0/AV** button to select AV1 to use the TV as a monitor.



2. To connect the unit to a TV Game

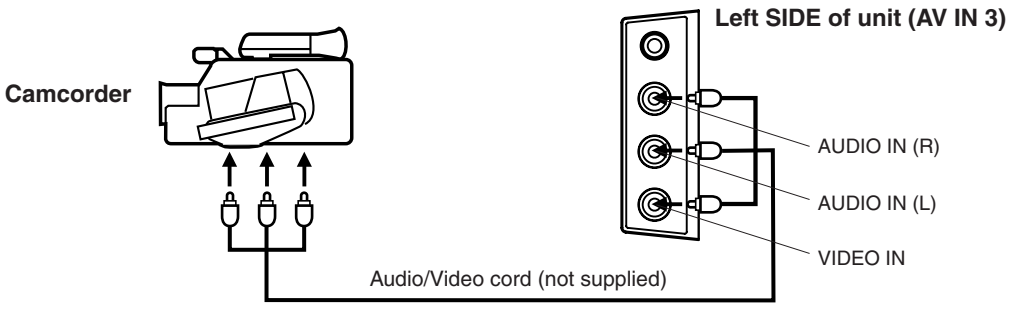
The unit can also be used as a display device for many video games. However, due to the wide variety of different types of signal generated by these devices and subsequent hook-up variations required, they have not all been included in the suggested connection diagrams. Press the **0/AV** button to select AV2 to use the TV as a monitor. You'll need to consult each component's Owner's Manual for additional information.



3. To connect the unit to a camcorder

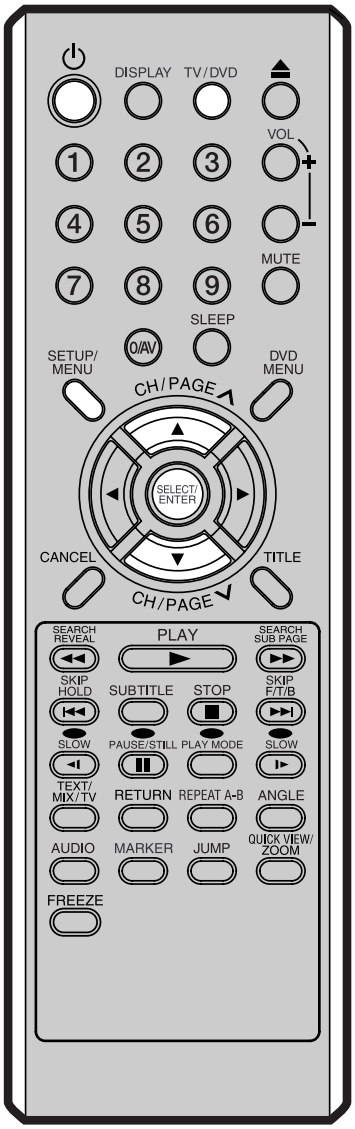
Connect the camcorder to the unit as shown.

Press the **0/AV** button to select AV3 to use the TV as a monitor.



LANGUAGE SETTING

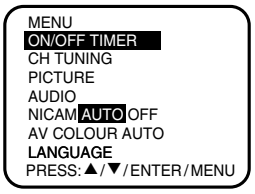
This unit has 5 different languages for MENU set up which can be selected through the ON Screen Display: English, German, French, Italian or Spanish.



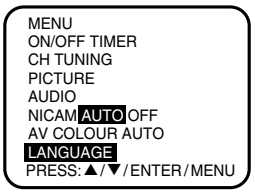
NOTE:
If you are using this unit for the first time, step 1 and 2 of the MENU screen will not be shown. The Language selection menu will be shown.

PREPARATION
Press Power ⏻ on the top of the unit or remote control to turn on the unit.

1 Press **TV/DVD** to select TV mode. Then press **MENU**.



2 To select the LANGUAGE mode, press ▲ or ▼, then press **ENTER**.



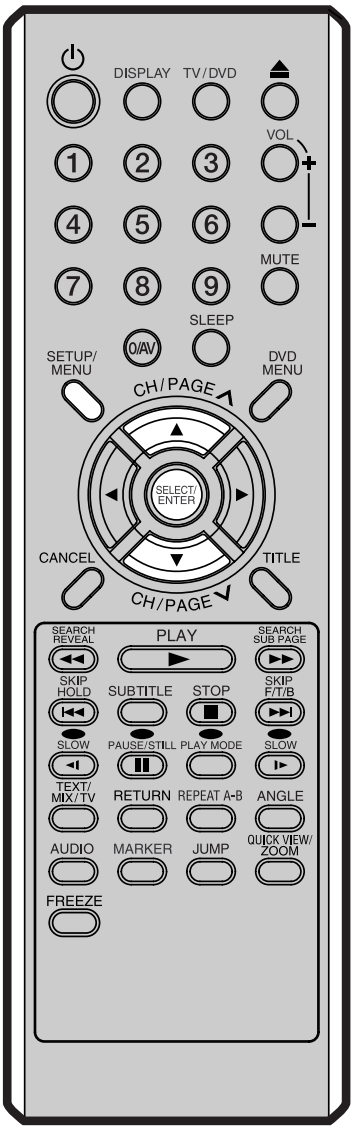
3 To select the desired language, English (ENGLISH), German (DEUTSCH), French (FRANCAIS), Italian (ITALIANO) or Spanish (ESPANOL), press ▲ or ▼. Then press **ENTER**.



4 Press **MENU** to return to the normal TV screen.

PRESETTING THE CHANNELS

Once you have connected up this unit, you will need to tune in the channels in order to watch TV stations. There are two ways that you can do this:



NOTES:
- If you want to skip any channels, refer to page 16.
- When the unit is in the AV mode, you can't preset the channels.

- Automatic tuning The stations will be preset in the order that they appear when the automatic tuning is activated.

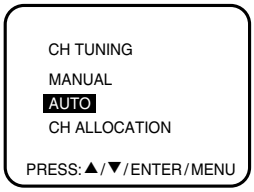
- Manual tuning In this mode the TV searches until a picture appears. If it is a station that you want to keep, you can choose which channel preset you want to store it on. You repeat this procedure for each station until you have stored all the desired stations.

AUTOMATIC TUNING

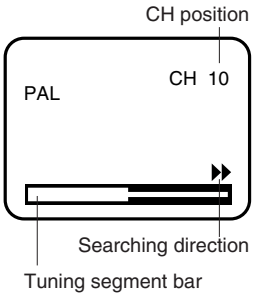
1 Press **MENU**.
Press ▲ or ▼ to select the CH TUNING mode, then press **ENTER**.



2 Press ▲ or ▼ to select the AUTO mode, then press **ENTER**.

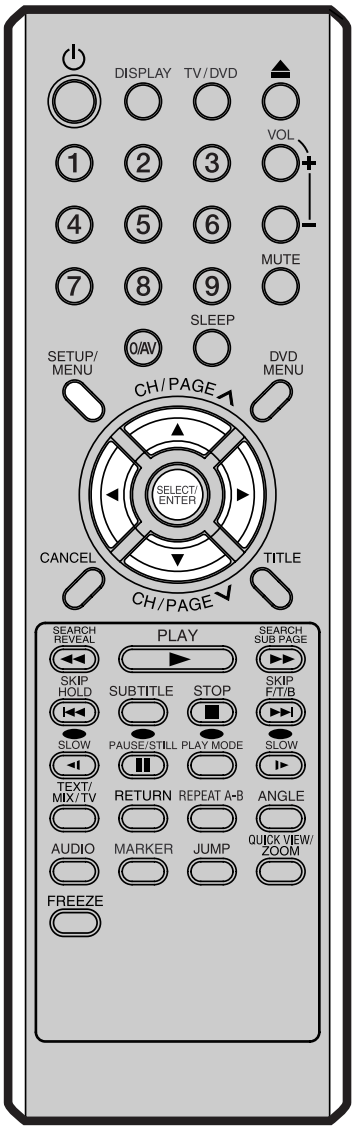


3 All available channels in your area are automatically scanned and stored in the memory of the unit. When the set has finished scanning, the screen shown in step 2 appears.



4 Press **MENU** twice.
The unit will return to normal TV screen.

5 The automatic tuning will not necessarily store the channels in the correct order. If you want to change the order of the stored channels, please see page 14.



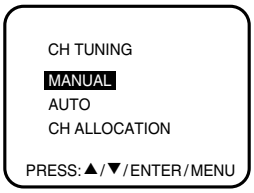
MANUAL TUNING

How to tune a station to channel 10 position.

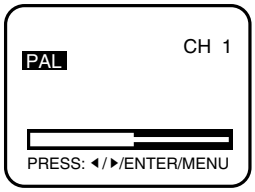
1 Press **MENU**.
Press ▲ or ▼ to select the CH TUNING mode, then press **ENTER**.



2 Press ▲ or ▼ to select the MANUAL mode, then press **ENTER**.



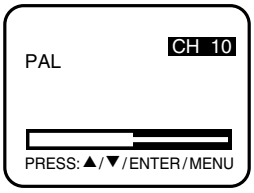
3 Press ◀ or ▶ to select PAL or SECAM-L. Then press **ENTER**.



4 Press ◀ or ▶ until the picture appears on screen. If this is not your desired channel, press ◀ or ▶ until your desired channel appears.
If you need to make the picture clearer, use ▲ or ▼ (FINE TUNING).
Then press **ENTER**.

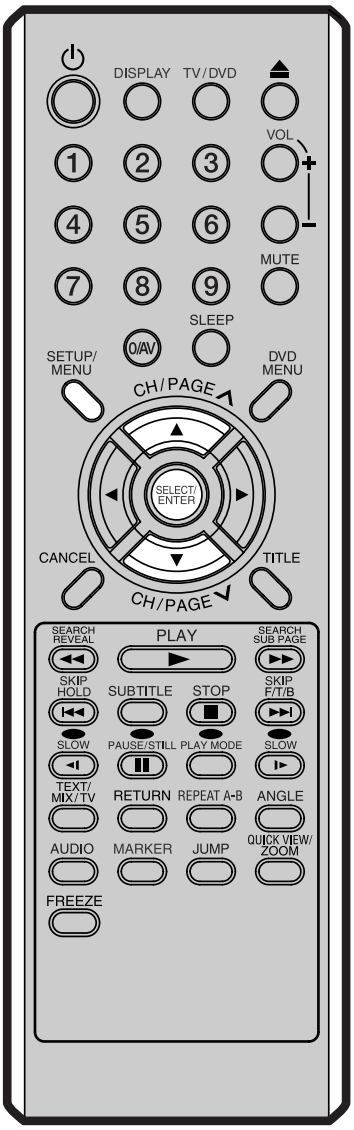


5 Press ▲ or ▼ to select channel position No.10, then press **ENTER**.



6 Repeat steps 3 through 5 until all the required channels have been stored.

7 When all desired channels have been set in your required position, press **MENU** three times to return to normal TV screen.



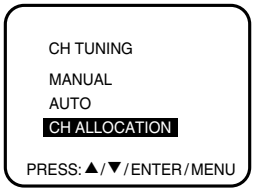
TO CHANGE THE CHANNELS

EXAMPLE: Changing of channel position from CH2 and CH5.

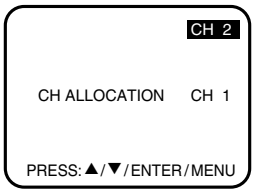
1 Press **MENU**.
Press ▲ or ▼ to select the CH TUNING mode, then press **ENTER**.



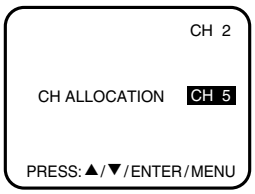
2 Press ▲ or ▼ to select the CH ALLOCATION mode, then press **ENTER**.



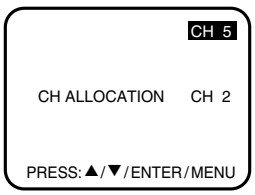
3 Press ▲ or ▼ to select the channel position No. (broadcasting) which you want to change. Then press **ENTER**.



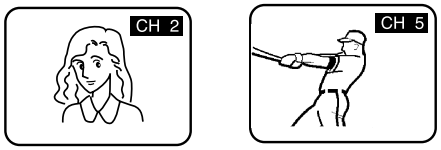
4 Press ▲ or ▼ to select the channel allocation No. that you want to change to.



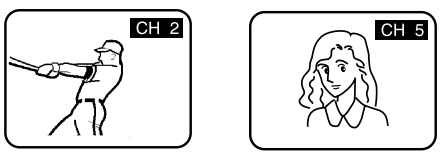
5 Press **ENTER**. The numbers of the stations are changed. Repeat steps 3 - 4 to change the order of other channels. Then press **MENU** three times to return to normal TV screen.



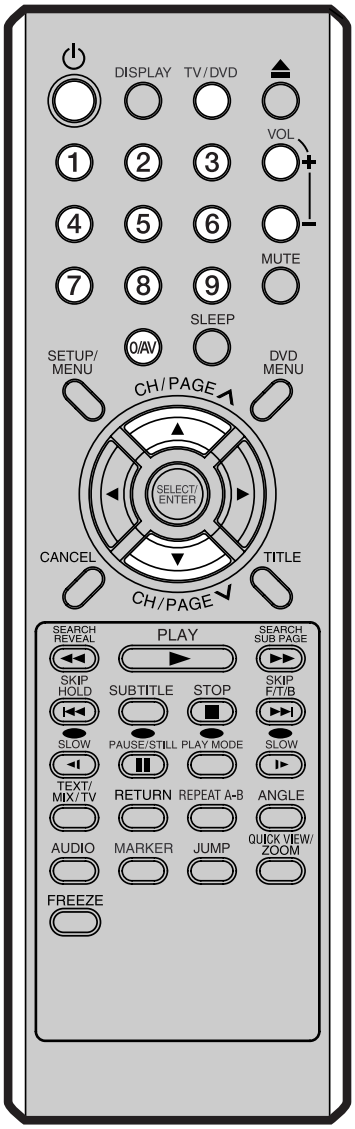
Before setting



After setting



Once you have correctly connected and set up the channels on your set, you can view the channels as follows.



NOTE:
The on screen display will disappear after 4 seconds.

Automatic Power Shut Off
If a station being viewed stops broadcasting for about 15 minutes, the unit will automatically shut itself off and go into standby mode.

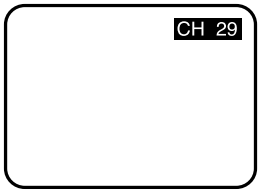
1 Press Power ⏻ on the top of the unit or remote control to turn on the unit. The standby ⏻ indicator will go off.
Press **TV/DVD** to select TV mode.

2 **Direct Channel Selection buttons (0-9)**
Press the Direct Channel Selection buttons on the remote control.

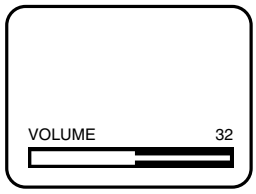
1-9 CH: Press your required number only.
10-110 CH: Press the two or three digits in accordance to the channel numbers required.

CH ∧ / ∨

Press **CH ∧** or **∨** on the remote control.

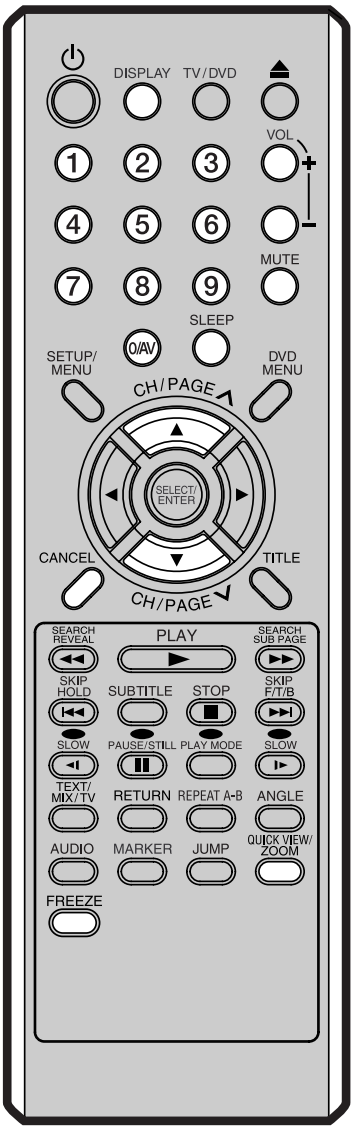


3 The VOLUME can be adjusted by pressing the **VOL +** or **–** on the remote control.



CONVENIENT FUNCTIONS

The following functions are available from the remote control handset only.



TV/AV Selection

For receiving the desired signal:
Press **AV** to select the TV or AV mode.

CH 5

TV position - to view a normal TV programme.

AV1

AV position - to receive through the direct Video input. AV1 (from 21 pin SCART socket on the rear), AV2 (from Audio/Video in sockets on the rear) or AV3 (from Audio/ Video in sockets on the left side) indicator appears on the screen in AV mode.

QUICK VIEW

This button allows you to go back to the previous channel by pressing **QUICK VIEW**. Press this button again to return to the channel you were watching.

DISPLAY

When you press this button once, the channel number will appear. Press this button again, then the display will disappear.

MUTE

When **MUTE** is pressed, the TV sound will be turned off completely. To disable this function, press the button again or **VOL +** or **–**.

SLEEP

To set the unit to turn off, press **SLEEP** on the remote control. The clock will count down 10 minutes each time the button is pressed in the order of 120, 110, 100,...20, 10, 0. After the sleep time is programmed, the display will disappear and will reappear momentarily every 10 minutes. To confirm the sleep time setting, press **SLEEP** once and the remaining time will be momentarily displayed.
To cancel the sleep time, press **SLEEP** repeatedly until the display turns to 0.

SKIP FUNCTION

After all channels available in your area have been set in memory, you can skip unwanted channels as follows.

1 Press **CH** ∧ or ∨ to select the channel which you want to skip.

2 Press **CANCEL**.
When a channel is skipped, the channel number will blink.

3 Skip all unwanted channels the same way following steps 1-2.

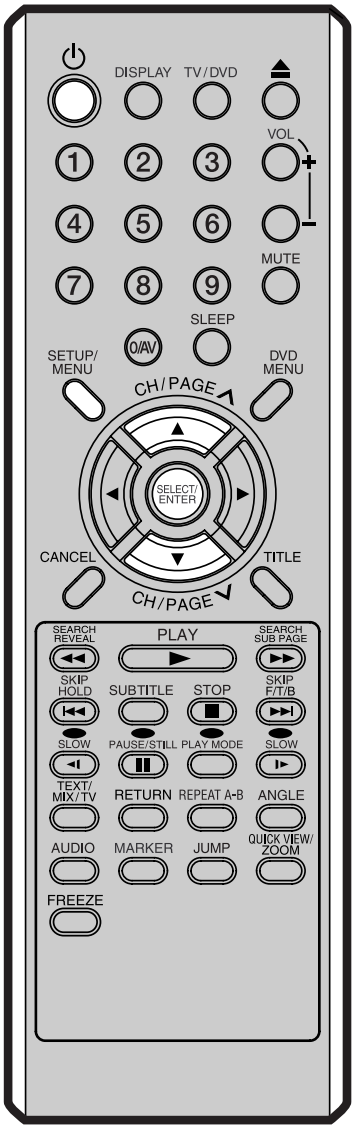
NOTE:
To cancel the SKIP function, press DIRECT CHANNEL SELECTION (numeric buttons) to select the channel which you want to cancel, then press **CANCEL** again.

FREEZE

This function allows you to make a freeze frame of your favorite picture onto the TV-screen. If you find the favorite picture during TV-reception or connected DVD-, VCR- or CAMCORDER-playback, press **FREEZE**.
To cancel freeze, press **FREEZE** again.

ON/OFF TIMER

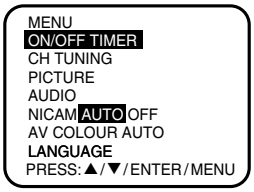
The on timer feature allows you to automatically turn on your TV after a preset amount of time (up to 12 hours and 59 minutes) on the selected channel. The off timer also allows you to turn off your TV after a preset amount of time. You can set the off timer in conjunction with the on timer.



1 Press **MENU**.

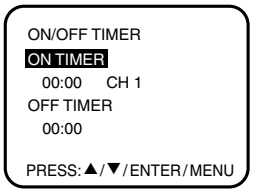
Press ▲ or ▼ to select ON/ OFF TIMER mode.

Press **ENTER**.



2 Press ▲ or ▼ to select ON TIMER mode.

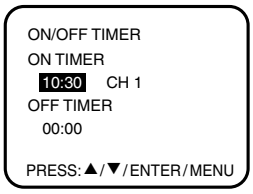
Press **ENTER**.



3 Press ▲ to enter the hours and minutes at which you want your TV to automatically switch on.

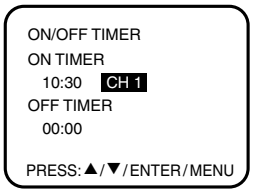
- For rapid time change in ten minute intervals, press and hold the ▲ button.

Press **ENTER**.



4 Press ▲ or ▼ to select the channel you wish to display when your TV switches on.

Press **ENTER**.

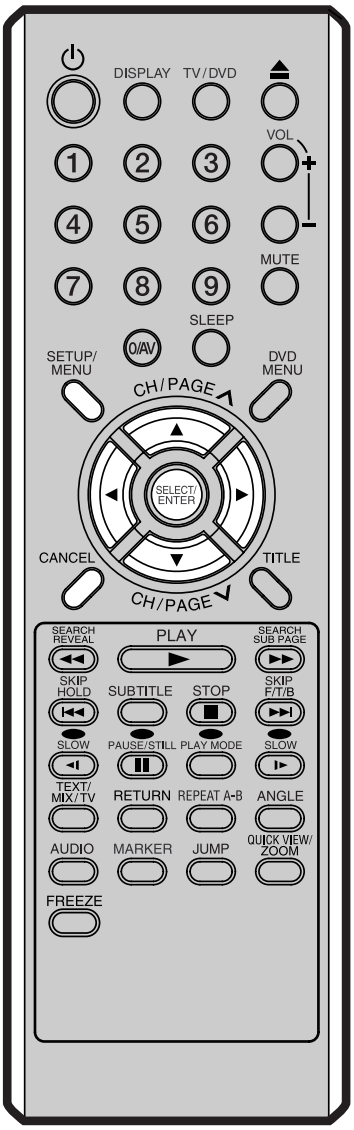


If you wish to set the OFF TIMER, press ▲ or ▼ to select OFF TIMER at step 2.

Put your TV into Standby mode by pressing ⏻ on the remote control.

PICTURE ADJUSTMENTS

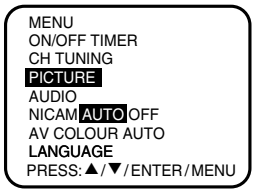
The picture settings have been adjusted at the factory under optimum signal reception conditions. However, you can adjust for BRIGHTNESS, CONTRAST, COLOUR and SHARPNESS to your preference.



NOTES:
- The picture settings can only be adjusted when they are displayed on screen.
- Pressing **CANCEL** will return all adjustments to their factory preadjusted levels. This function is available in adjusting picture mode.
- TINT will appear only when the NTSC Colour System is selected.

1 Press **MENU**.

2 Press ▲ or ▼ to select the PICTURE mode, then press **ENTER**.



3 To adjust the BRIGHTNESS, press ◀ or ▶, then press ▲.

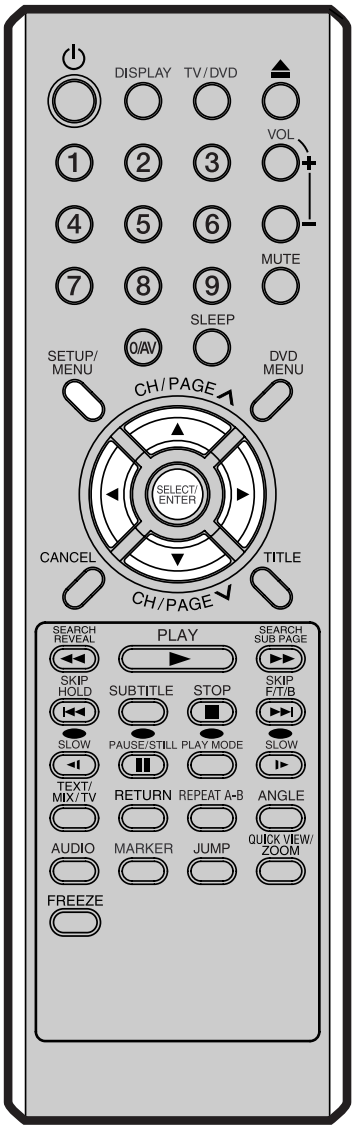


NOTE: Each time ▲ is pressed, the on screen display will change as shown below.

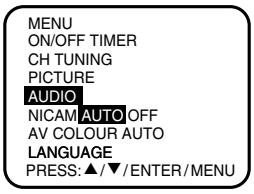


Press **MENU** twice to return to normal TV screen.

BASS, TREBLE AND BALANCE

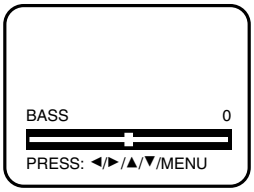


1 Press **MENU**.
Press ▲ or ▼ to select AUDIO. Then press **ENTER**.



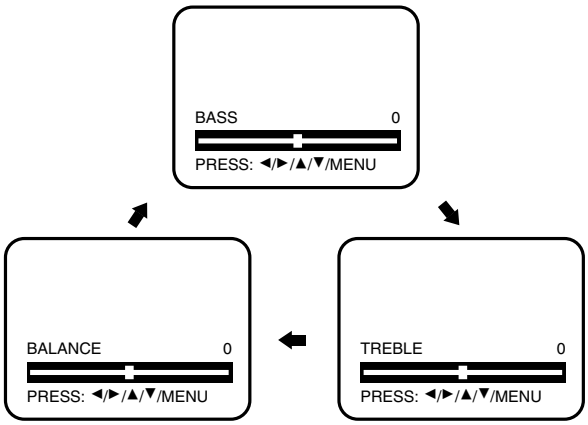
2 Press ◀ or ▶ to adjust the BASS.

If BASS has not appeared, press ▲ or ▼ repeatedly until BASS appears.



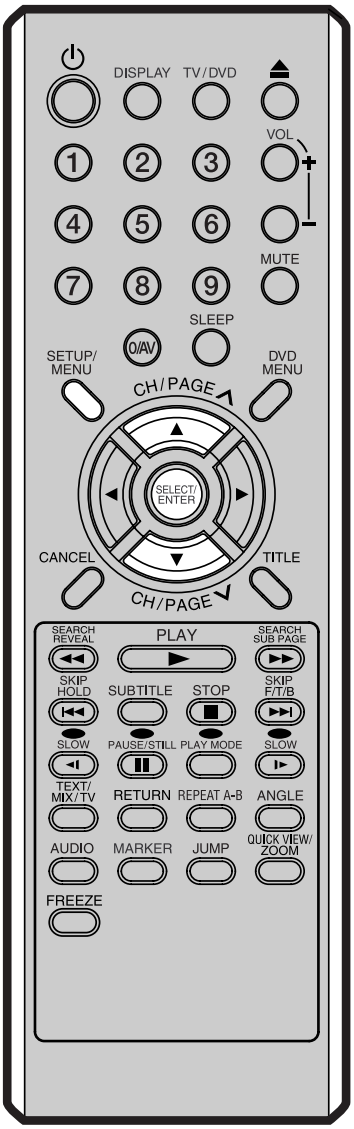
The adjusting screen will disappear about one minute after finishing an adjustment.

Each time you press ▲, the sound adjustment screen changes as shown below.



3 Press **MENU** twice to return to normal TV screen.

AV COLOUR ADJUSTING/NICAM STEREO SOUND



AV COLOR ADJUSTING

When connecting external equipment to the unit, the picture may become black and white. This can be corrected by selecting AV (Extension) Colour as follows.

1 Press **MENU**.
Press ▲ or ▼ to select the AV COLOUR mode.



2 Press **ENTER** to select one of the colour options, AUTO, PAL, SECAM, NTSC4.43, NTSC3.58 or PAL60.

• Usually select the AUTO option.

3 Press **MENU** to return to the normal TV screen.

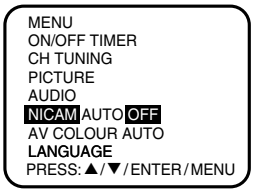
NICAM STEREO SOUND

The unit is fitted with a NICAM stereo decoder. NICAM refers to the digital stereo system broadcast by television stations. NICAM provides a new dimension to unit by enhancing the sound quality to the point where it compares with hi-fi audio systems.

1 Press **MENU**.
Press ▲ or ▼ to select the NICAM mode.



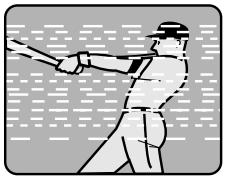
2 Press **ENTER** to toggle between AUTO and OFF.



3 Press **MENU** to return to the normal TV screen.

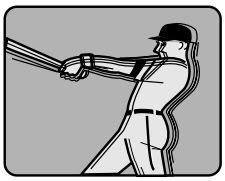
RECEPTION OF INTERFERENCE

The most common types of television interference are as follows.



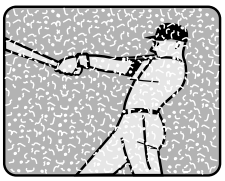
IGNITION

IGNITION
Black spots and horizontal streaks may appear, the picture may flutter or drift. This is usually caused by interference from car ignition system, neon lamps, electric drills or other electrical appliances.



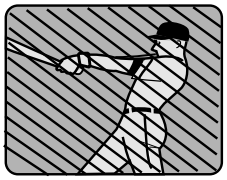
GHOSTING

GHOSTING
Ghosting is caused by the TV signal following two paths. One is the direct path and the other is reflected from tall buildings, hills or similar obstruction. Changing the direction and/or position of the antenna may improve reception.



SNOW

SNOW
If your TV is located on the fringe area of a TV station, where the signal is weak, your picture may be affected by the appearance of small dots (SNOW). It may be necessary to install a stronger antenna to improve the picture.



RADIO FREQUENCY INTERFERENCE

RADIO FREQUENCY INTERFERENCE
This kind of interference produces moving ripples or diagonal streaks and in some cases loss of contrast in the picture.

TELETEXT

Most broadcasting stations offer a Teletext service in addition to their standard TV program.
Teletext offers news, weather forecast, winning Lotto numbers, TV listings and other interesting news.
The text is received page by page, as soon as you select the broadcasting station. A single page can be displayed on the screen. The pages are numbered and broadcasted one by one. Therefore you'll have to wait a certain time until the selected page is displayed on the screen. The page will be displayed as soon as it is broadcast.
Certain pages can be displayed more easily by pressing one of the **FOUR COLOURED TELETEXT** buttons.

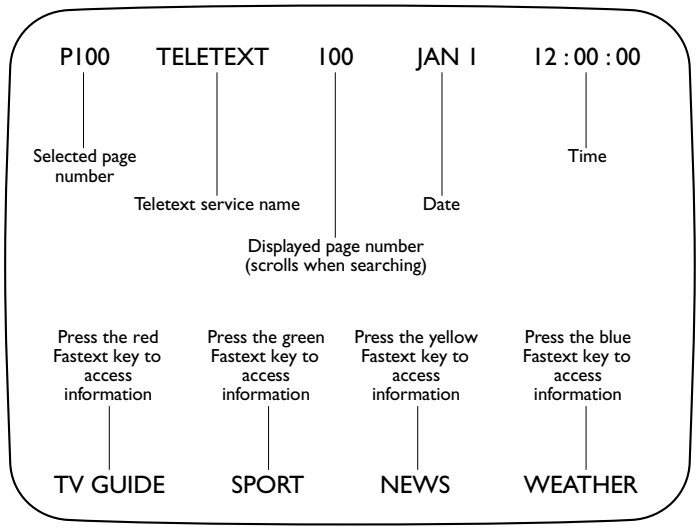
Basic operation

1 Select the broadcasting station, whose text you want to read. In order to do so, select the station's channel with the remote handset.

2 Push **TEXT/MIX/TV** button.
The first push on the **TEXT/MIX/TV** button switches the Teletext on.
The second push on **TEXT/MIX/TV** displays the TV program and the Teletext together (MIX).
The third push on the **TEXT/MIX/TV** button switches the Teletext off and returns the screen back to the TV program.

The first operation of the teletext normally opens the page 100 with the table of contents.

Example for a teletext page:



Select the desired teletext page from the broadcasting station's table of contents.

HOLD

Some pages hold more text than can be displayed on one page. The broadcasting station separates these pages into sub-pages, which are broadcasted one by one automatically. To study one sub-page thoroughly push the **HOLD** button. The HOLD-symbol will be displayed.
The associated sub-pages will scroll through automatically, when you push **HOLD** a second time to release it.

To call a teletext page

Leaf through the pages with the **PAGE (∧/∨) -** button (forward or backward).
Note: You will not necessarily find a page for every page number you enter. E.g. you have entered page no. 116 but it does not offer this page. Available page numbers can be found on the Index page (most stations offer this page 100).

Enter the three-digit page number with the number buttons.
Example:
You want to display page 300.
Enter: 3 then 0 and 0.
If you enter an incorrect digit, complete all three digits with any numbers, then you can enter the correct page number.

Inside the teletext mode you cannot change to another broadcasting station.
To switch to another channel, leave the teletext mode by pressing the **TEXT/MIX/TV** button.

How to call a specific sub-page

Push **SUB PAGE** button (0000).

The screen's upper left corner will display: **– – – –**

To call sub-page 2 enter: **0 0 0 2** .
Your input will be displayed in the upper left corner: **0002**.

It may take some time until sub-page 2 is broadcast.
The sub-page can only be displayed when the broadcaster transmits it.

To leave sub-page mode push the SUB PAGE button again.

Within the sub-page mode no other pages other than the sub-pages of the selected page can be called. To call other teletext pages you must leave the sub-page mode.

Magnifying

To magnify the letters push **F/T/B** button.

You can magnify either the upper or the lower half of the screen.

Each push on the **F/T/B** button switches between the screen's upper and lower half and the full screen.
(F/T/B = Full / Top / Bottom)

REVEAL

Pushing **REVEAL** will give you the hidden answers to the questions on a Quiz-page.

Not every broadcasting station offers Quiz-pages and they are not constantly offered.

DISC

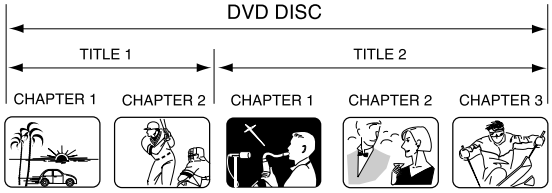
DVD discs must be Region 4 or Region ALL type to play on this unit.
The loaded Disc (DVD, Audio-CD and MP3/JPEG-CD) will be recognized automatically.
The suitable disc formats are: DVD-Video, CD, CD-R/RW and DVD-R/RW (Video format only).
Some CD-R/RW discs may be incompatible.

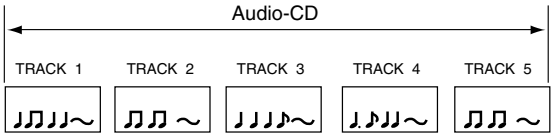
Do not play DVD-ROM, DVD-Audio, VCD, CD-G or Photo CD to prevent accidental erasure of prerecorded material.

Title
When two or more movies are recorded on a disc, the disc is divided into two or more sections. Each section is called a “TITLE”.

Chapter
The titles can be subdivided into many sections. Each section is called a “CHAPTER”.

Track
An Audio CD can contain several items. These are assigned to tracks.



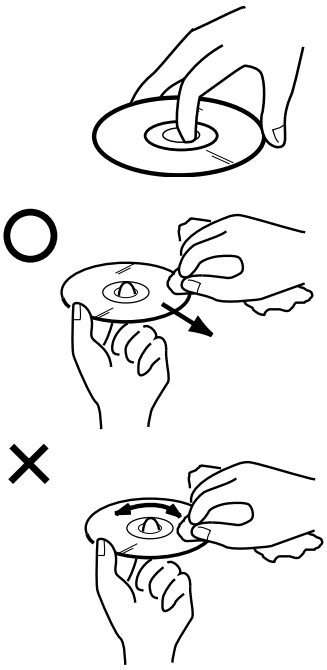


Removing Disc from Case
Be sure to hold the edge of disc. Do not touch the surface of the disc. Pick up the disc gently from the case.

- Do not scratch the disc.
- Do not get dirt on the surface of the disc.
- Do not stick a label or adhesive tape on the disc.
- Do not drop or bend the disc.

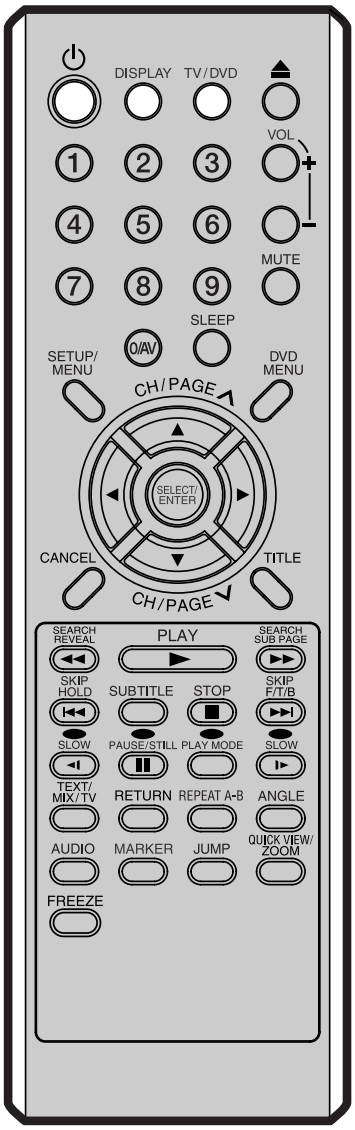
Storing Disc
- Store the disc in the case to avoid risk of scratches, dirt or damage.
- Do not leave disc exposed to direct sunlight or in hot or humid places.

Cleaning Disc
Wipe the disc with a clean, dry cloth from center to edge.
- Do not wipe in circular direction.
- Do not use liquid or aerosol cleaners.



PREPARATION/STATUS DISPLAY OF DISC

The following pages describe the setup/operation in DVD mode.



NOTE:
If the unit does not operate properly:
Static electricity can adversely affect the operation of this player. Sometimes this can be remedied by unplugging the unit for a short time, then reconnecting it.

Preparation

Before DVD/CD operation, please make preparations as follows.

1 Insert the AC cord plug into a standard 240V 50Hz AC outlet.
- If the AC cord plug is plugged in for the first time, wait for about 5 seconds before pressing POWER **(ON)** on the front.

NOTE: When connecting to other equipment, unplug the unit from the AC outlet.

2 Press **Sub Power (⏻)** on the unit or on the remote control to turn on the unit.
- Every time you press **Sub Power (⏻)**, the unit starts from TV mode.
- When using an amplifier, switch on the amplifier.

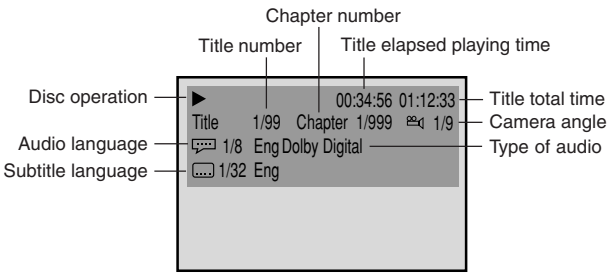
3 Press **TV/DVD** to select DVD mode.
The DVD startup screen will appear on the screen.



Status display of disc

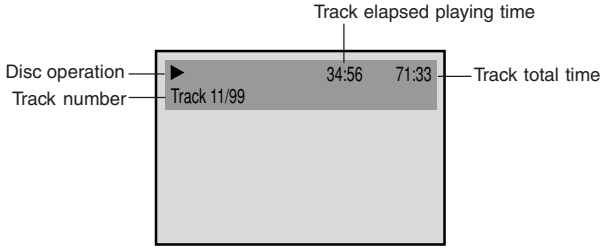
Press **DISPLAY** twice. The status display of the disc will appear on the screen during playback.

DVD



To make status display disappear, press **DISPLAY** again.

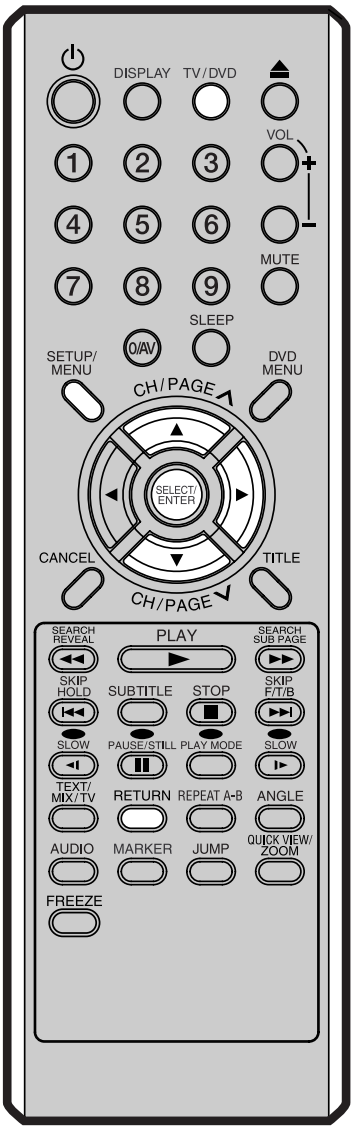
Audio CD



- When you play the CD disc, the status display will appear on the screen and continue displaying.

SETTING SETUP LANGUAGE

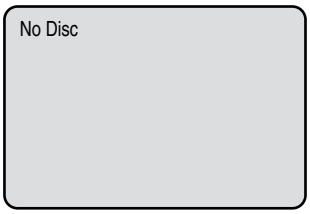
You can change the default settings to customize performance to your preference.



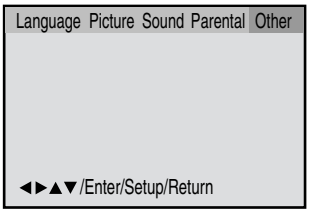
NOTES:

- If the selected soundtrack language is not recorded on the disc, the original language will be heard.
- If the selected subtitle language is not recorded on the disc, the first-priority language is selected.

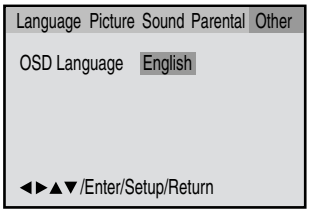
1 Press **TV/DVD** to select the DVD mode.
"No Disc" will appear on the screen. (If a DVD disc has already loaded, the playback will start automatically.)



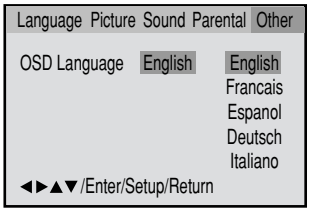
2 Press **SETUP** in the stop mode. The SETUP MENU of DVD will appear on the screen.
Then press ▶ to select Other.



3 Press ▼ or **ENTER** to select OSD Language.

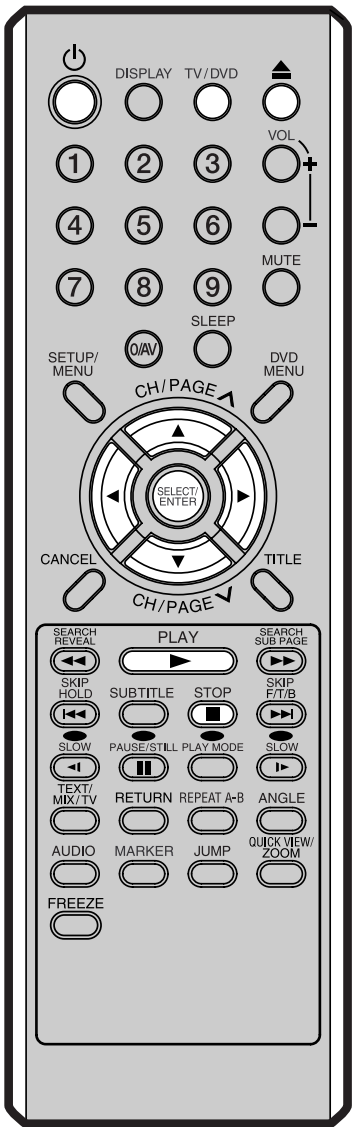


4 Press ▶ or **ENTER** and then press ▲ or ▼ to select desired language (e.g. English), then press **ENTER**.



5 Press **SETUP** or **RETURN** to remove the Menu screen.

PLAYBACK PROCEDURE

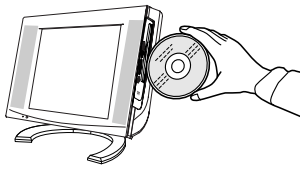


NOTES:

- If a non-compatible disc is loaded, "Incorrect Disc", "Region Code Error" or "Parental Error" will appear on the TV screen according to the type of loaded disc. If these appear, check your disc again (see pages 24 and 40).
- Some discs may take a minute or so to start playback.
- If you insert a disc with the label facing away from you (ie. the wrong way around), "Reading" will appear on the display for about 5 seconds and then "No Disc" or "Incorrect Disc" will be displayed.
- Some playback operations of DVDs may be intentionally fixed by software producers. Since this unit plays DVDs according to the disc contents the software producers designed, some playback features may not be available. Also refer to the instructions supplied with the DVDs.

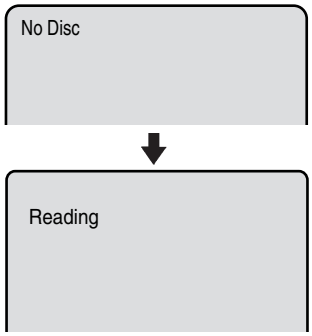
1 Press **TV/DVD** to select DVD mode.

2 Place the disc in the disc slot with the label side facing forward. (If the disc has a label.) Hold the disc without touching either of its surfaces, align it with the guides, and place it in position.



3 On the TV-screen, "No Disc" changes to "Reading" and then playback commences.

- A menu screen will appear on the TV screen, if the disc has a menu feature.



4 Press ▲/▼ or ◀/▶ to make a selection.

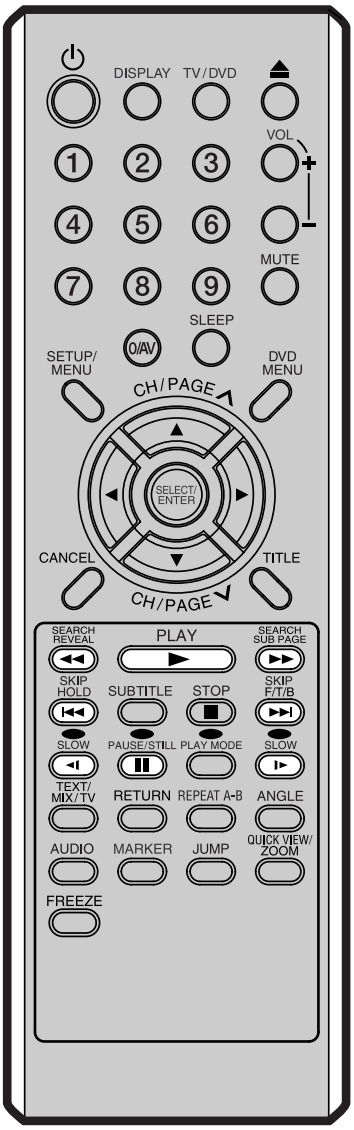
5 Press **ENTER**.
- Title is selected and play commences.

6 Press **STOP** to end playback.
- The unit memorizes the stopped point, depending on the disc. "⚑" appears on the screen. Press **PLAY** to resume playback (from the scene point).
- If you press **STOP** again or unload the disc ("■" appears on the screen.), the unit will clear the stopped point.

7 To stop the playback, press **STOP**.
Then press ⏏ **(EJECT)**.
Remove the disc and press Power ⏻.
The unit turns off.

SPECIAL PLAYBACK

NOTE: There may be a slight delay between when you press the button and the function activating.



NOTE:
The unit is capable of holding a still video image or On screen display image on your television screen indefinitely. If you leave the still video image or On screen display image displayed on your TV for an extended period of time, you risk permanent damage to your television screen. Projection televisions are very susceptible.

Fast Forward Playback

Press **F.FWD** ▶▶ during normal playback.
Each press of the **F.FWD** ▶▶ button will increase the speed of the search ▶▶ (x 2), ▶▶▶ (x 4), ▶▶▶▶ (x 8), ▶▶▶▶▶ (x 15).
(CD: ▶▶ (x 2), ▶▶▶ (x 4), ▶▶▶▶ (x 8), ▶▶▶▶▶ (x 20))

• To resume normal playback, press **PLAY**.

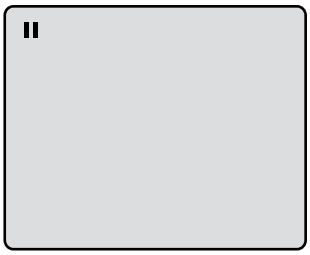
Review Playback

Press **REW** ◀◀ during normal playback.
Each press of the **REW** ◀◀ button will increase the speed of the search ◀◀ (x 2), ◀◀◀ (x 4), ◀◀◀◀ (x 8), ◀◀◀◀◀ (x 15).
(CD: ◀◀ (x 2), ◀◀◀ (x 4), ◀◀◀◀ (x 8), ◀◀◀◀◀ (x 20))

• To resume normal playback, press **PLAY**.

Still Playback

Press **PAUSE/STILL** during normal playback to pause playback.



To resume normal playback, press **PLAY**.

Frame Advance

Press **PAUSE/STILL** during still playback.
One frame is advanced each time you press **PAUSE/STILL**.

To resume normal playback, press **PLAY**.

Slow-motion Playback

Press **SLOW** (I► or ◄I) during normal playback or still playback.
Each press of **SLOW** (I► or ◄I) will change the speed of the slow x1/2, x1/4, x1/6, x1/7.

• To resume normal playback, press **PLAY**.
• To resume the still playback, press **PAUSE/STILL**.

Locating a chapter or track

Press **SKIP(►►I)** Forward or **SKIP(I◄◄)** Reverse during playback to locate a chapter that you want to watch.
Each time you press the button, a chapter or track is skipped.

This player can play back the MP3/JPEG-data which has been recorded on CD-R or CD-RW. To produce the MP3/JPEG-data, you need a Windows-PC with CD-R/RW drive and a MP3/JPEG-encoding Software (not supplied).
The Apple-HFS-System cannot be played.

MP3/JPEG CD information

Limitations on MP3/JPEG CD playback

- MP3/JPEG CD is the disc that is standardized by ISO9660, its file name must include 3-digits extension letters, “mp3”, “jpg”.
- The directory and file names of the MP3/JPEG CD must be correspond to the ISO standardized files.
- This unit can read 200 files per disc. If one directory has more than 200 files, it reads up to 200 files, the remaining files will be omitted.
- The unit is able to recognize up to a maximum of 50 directories per disc.
- MP3/JPEG CDs cannot be used for playback for the purpose of recording.
- If the CD has both audio tracks and MP3/JPEG files, only audio tracks are played.
- It may take more than one minute for this unit to read MP3/JPEG files depending on its structure.
- Music recorded by “Joliet Recording Specification” can be played back, the file name is displayed (within 16 letters) on the screen Long file names will be condensed.
- The music files recorded by “Hierarchical File System” (HFS) cannot be played.

Limitations on display

- The maximum number for display is 16 letters. Available letters for display are the following: capital or small alphabets of A through Z, numbers of 0 through 9, and _ (under score).
- Other letters than those above are replaced in hyphen.

Notes on MP3/JPEG files

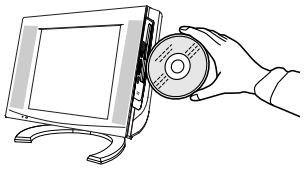
To play back MP3/JPEG CD in the recorded order,

1. Use MP3/JPEG software that records data alphabetically or numerically.
2. Name each file including two-digit or three-digit number (e.g. “01” “02” or “001” “002”).
3. Refrain from making too many sub-folders.

CAUTION:

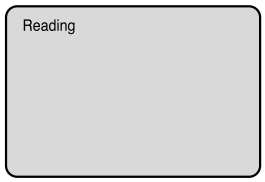
- Some MP3/JPEG CDs cannot be played back depending on the recording conditions.
- The CD-R/RW that has no music data or non-MP3/JPEG files can not be played back.

MP3/CD playback

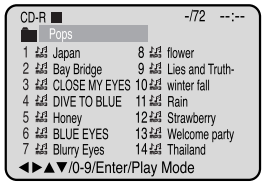


1 Place a disc on which MP3 files have been recorded in the disc slot.

2 On the TV-screen, “Reading” will appear. Reading will take as much time as the number of file.

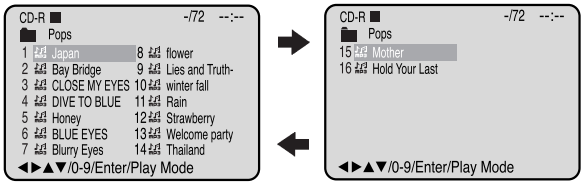


3 A file menu screen will appear on the TV screen.
Press ◀ / ▶ to select folder.



4 Press ▲/▼ or ◀/▶ or **Number keys** to select the desired file.

- In case the folder includes more than 15 files, press ◀ or ▶ to display next file list.



- When **PLAY** has been pressed after displaying the file menu, or when the disc tray has been closed after pressing **PLAY** in step 2, playback begins automatically starting from the first file. In this case, if the first file is an MP3 file, only MP3 files are played back in order. If the first file is a JPEG file, the first JPEG file is played back.

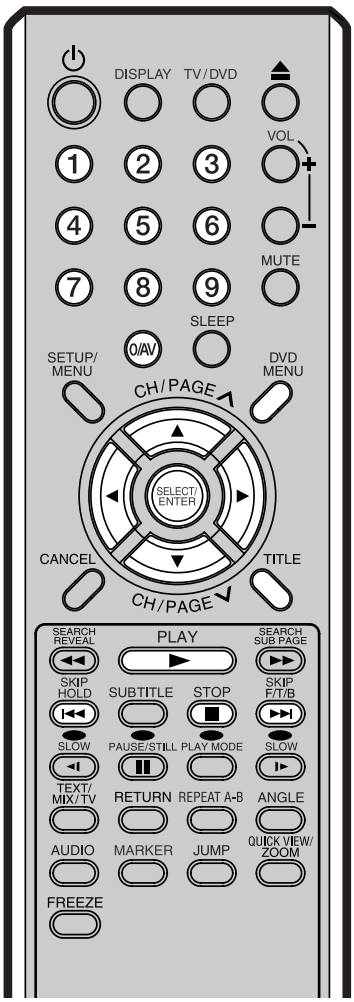
5 Press **ENTER**.
The selected file starts playing back.

6 Press **STOP** to end playback.

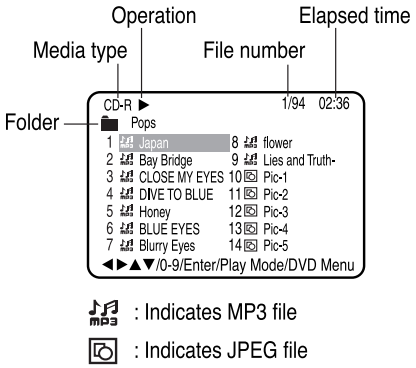
- The unit records the stopped point. “⚑” appears on the screen. Press **PLAY** to resume playback (from the scene point).
- If you press **STOP** again or unload the disc, the unit will clear the stopped point.

NOTES:

- During MP3/JPEG-Playback, you cannot use SEARCH, A-B Repeat functions.
- You can use Repeat (Track or All), Random functions and Program playback for MP3/JPEG CD Playback (see page 34).
- In the case of a CD containing a mixture of MP3 and JPEG files, the files are played back by selecting them from the file menu.



About file menu



: Indicates MP3 file

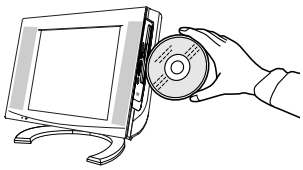
: Indicates JPEG file

NOTES:

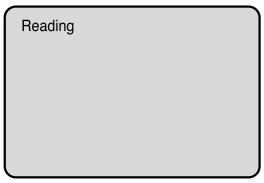
- The picture menu is displayed when the FUJICOLOR CD or the Kodak Picture CD are played. To display the file menu press **TITLE**.
- MP3 file on the KODAK Picture CD is not recognized on this unit.

JPEG CD playback

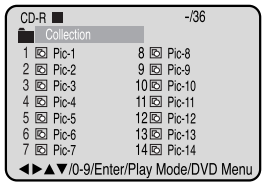
1 Place a disc on which JPEG files have been recorded in the disc slot.



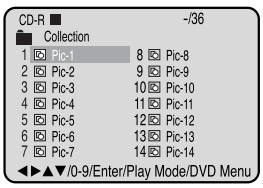
2 On the TV-screen, “Reading” will appear. Reading will take as much time as the number of file. A file menu screen will appear on the TV screen.



3 Press ◀/▶ to select folder.



4 Press ▲/▼ or ◀/▶ or **Number keys** to select the desired file.



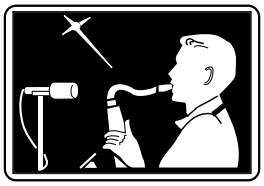
To display a picture menu, press **DVD MENU**. (To return to a file menu, press **TITLE**.)

Press ▲/▼ or ◀/▶ to select the desired file.



- To display next list, press **SKIP ▶▶I / I◀◀**.
- When **PLAY** has been pressed after displaying the file menu, or when the disc tray has been closed after pressing **PLAY** in step 2, playback begins automatically starting from the first file. In this case, if the first file is a JPEG file, the first JPEG file is played back. If the first file is an MP3 file, only MP3 files are played back in order.

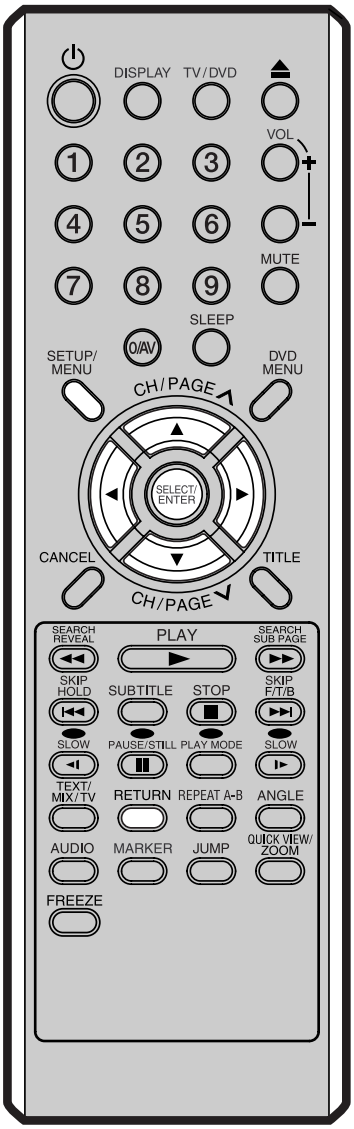
5 Press **ENTER**.
The selected picture appears on the TV screen.



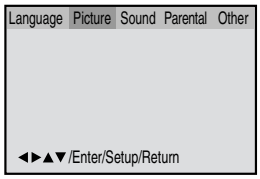
6 Press **STOP** to end playback.
The file menu appears on the TV screen.
If you want to watch the other file, repeat steps 4-5.

SETTING THE JPEG INTERVAL

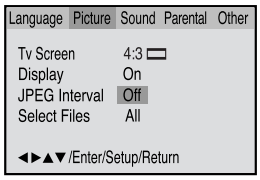
You can continuously play back all JPEG files automatically.



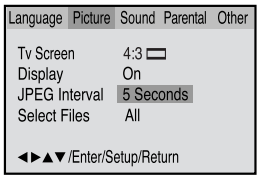
1 Press **SETUP** in the stop mode. Press ◀ or ▶ to select "Picture", then press **ENTER**.



2 Press ▲ or ▼ to select "JPEG Interval".



3 Press ◀ or ▶ to select your desired time.



Off:
Plays back one file at a time.

5 Seconds:
Plays back images in the form of a slide show at 5 second intervals.

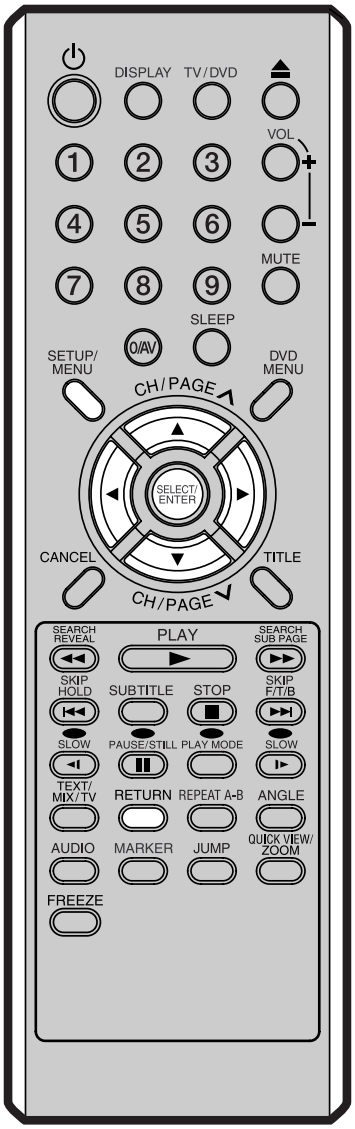
10 Seconds:
Plays back images in the form of a slide show at 10 second intervals.

15 Seconds:
Plays back images in the form of a slide show in 15 second intervals.

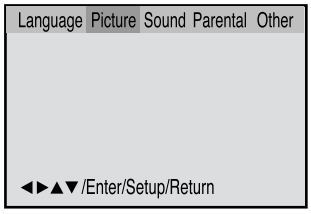
4 To make SETUP screen disappear, press **SETUP** or **RETURN**.

SETTING THE SELECT FILES

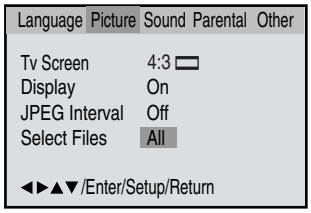
When playing back a CD containing a mixture of MP3 and JPEG files, only MP3 or JPEG files can be displayed on the file menu.



1 Press **SETUP** in the stop mode.
Press ◀/▶ to select "Picture", then press **ENTER**.



2 Press ▲ or ▼ to select "Select Files".

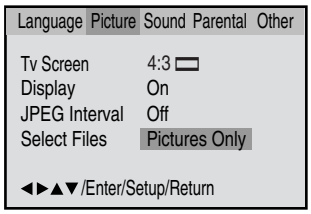


3 Press **ENTER** or ◀/▶ to select your desired file type.

All:
Displays all files.

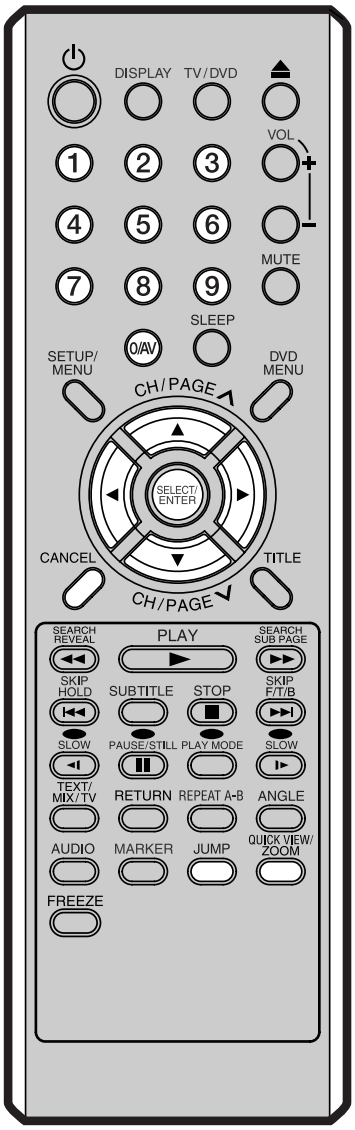
Music Only:
Displays only MP3 files.

Pictures Only:
Displays only JPEG files.



4 To make SETUP screen disappear, press **SETUP** or **RETURN**.

ZOOMING/LOCATING DESIRED SCENE



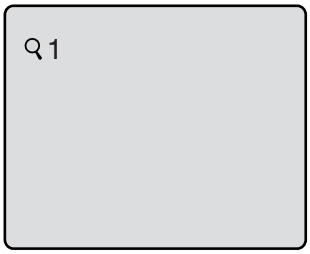
NOTES:

- You can select the Pause, Slow or Search playback in the zoom mode.
- Some discs may not respond to zoom feature.

Zooming

This unit will allow you to zoom in on the frame image. You can then make selections by switching the position of the frame.

1 Press **ZOOM** during playback.
The centre part of the image will be zoomed in. Each press of **ZOOM** will change the ZOOM 🔍1 (Min.), 🔍2 (Medium) and 🔍3 (Max.).



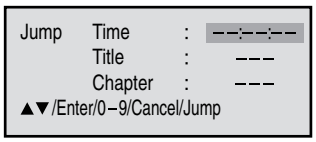
2 Press ▲/▼/◀/▶ to view a different part of the frame. You may move the frame from the centre position to UP, DOWN, LEFT or RIGHT direction.

3 In the zoom mode press **ZOOM** repeatedly to return to a 1:1 view (🔍 Off).

Locating Desired Scene

Use the title, chapter and time recorded on the disc to locate the desired point to play back.

1 Press **JUMP** during playback.



2 Press ▲ or ▼ to select the “Time”, “Title” or “Chapter”.

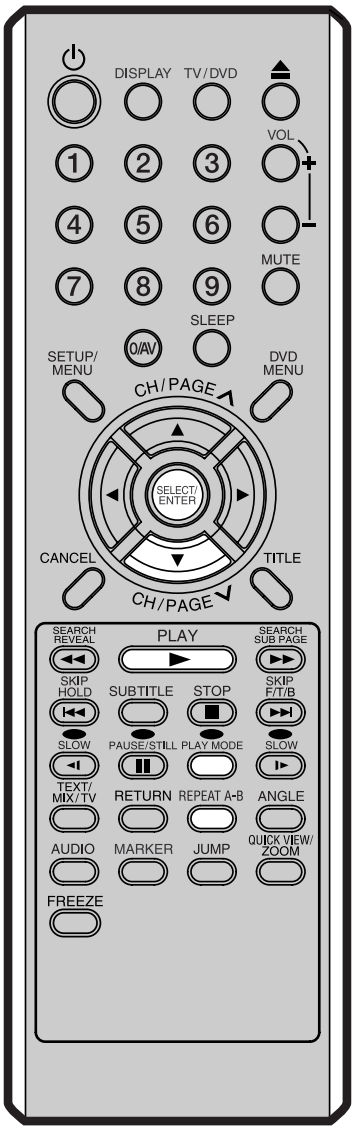
3 Press **Number buttons (0-9)** to input the number.

- If you input a wrong number, press **CANCEL**.
- Refer to the package supplied with the disc to check the numbers.

4 Press **ENTER**.

- Playback starts.
- When you change the title, playback starts from Chapter 1 of the selected title.
- Some discs may not work in the above operation.

REPEAT PLAYBACK



NOTES:

- Some discs may not work with the repeat operation.
- In A-B repeat mode, subtitles near point A or B may not appear.
- During the A-B Repeat Playback the ANGLE feature will not operate.
- You may not be able to set A-B Repeat, depending on the scenes of the DVD.

Title, Chapter, Track Playback

1 Press **PLAY MODE** during playback or stop mode.

DVD

Repeat : Off
◄►/Enter/Play Mode

CD

Play Mode : Off
Repeat : Off
◄►▲▼/Enter/Play Mode

2 Press **ENTER** once or twice to select “Chapter” or “Title”.
In case of CD, at first press ▼ to select “Repeat” and then press **ENTER** once or twice to select “Track” or “All”.

DVD

Repeat : Chapter
◄►/Enter/Play Mode

CD

Play Mode : Off
Repeat : All
◄►▲▼/Enter/Play Mode

3 Press **PLAY MODE** again to make the screen disappear.

- Press **PLAY** to start Repeat playback.
- To resume normal playback, select Repeat Off.

A-B Repeat Playback

A-B repeat playback allows you to repeat material between two selected points.

1 Press **REPEAT A-B** during playback.
The start point is selected.

A–

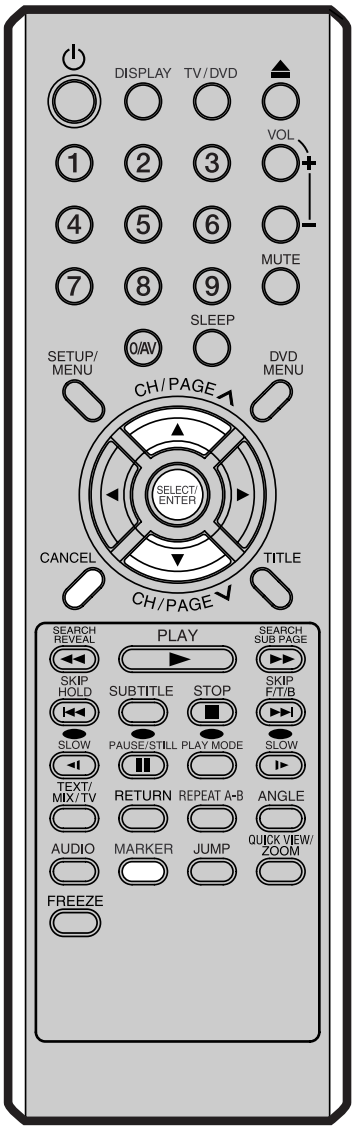
2 Press **REPEAT A-B** again.
The end point is selected. Playback starts at the point that you selected. Playback stops at the end point, returns to Point A automatically, then starts again.

A–B

To resume normal playback press **REPEAT A-B** again.
“ Off” appears on the screen.

MARKING DESIRED SCENES

The unit stores the points that you want to watch again. You can resume playback from that scene.



NOTES:
- Some discs may not work with the marking operation.
- The marking is cancelled when you eject the disc or turn the power off.
- Some subtitles recorded around the marker may fail to appear.

Marking the Scenes

1 Press **MARKER** during playback.

```
Marker  1 : **:**:**
Marker  2 : **:**:**
Marker  3 : **:**:**
▲▼/Enter/Cancel/Marker
```

2 Select the blank Marker using ▲/▼, then press **ENTER** at the desired scene.

```
Marker  1 : 00:27:54
Marker  2 : **:**:**
Marker  3 : **:**:**
▲▼/Enter/Cancel/Marker
```

- Up to 3 scenes can be selected.
- Repeat this procedure to set the other 2 scenes.

3 Press **MARKER** to remove this display.

Returning to the Scenes

1 Press **MARKER** during playback or stop mode.

```
Marker  1 : 00:27:54
Marker  2 : 01:16:25
Marker  3 : 02:08:31
▲▼/Enter/Cancel/Marker
```

2 Press ▲ or ▼ to select the Marker 1-3.

```
Marker  1 : 00:27:54
Marker  2 : 01:16:25
Marker  3 : 02:08:31
▲▼/Enter/Cancel/Marker
```

3 Press **ENTER**.
Playback starts from the marked scene.

To Cancel the Mark

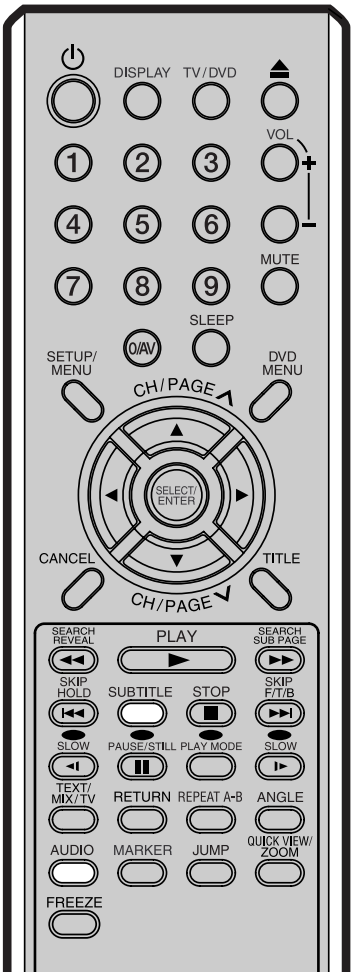
1 Press **MARKER**.

2 Press ▲ or ▼ to select the Marker 1-3.

3 Press **CANCEL**.

4 Press **MARKER** to view the normal screen.

CHANGING SOUNDTRACK LANGUAGE/SUBTITLES



NOTES:

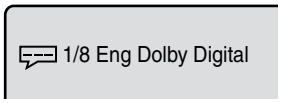
- If the desired language is not heard after pressing the AUDIO button several times, the language is not recorded on the disc.
- Changing soundtrack language is cancelled when you eject the disc. The initial default language or available language will be heard if the disc is played back again.
- Changing subtitle language is cancelled when you eject the disc.
- Some functions may not work on some DVDs. You may not be able to turn subtitles on or off or change subtitles. While playing the DVD, the subtitle may change when:
 - you eject the disc.
 - you change the title.
- In some cases, the subtitle language is not changed to the selected one immediately.

Changing soundtrack language

You can select the language when you play a multilingual disc.

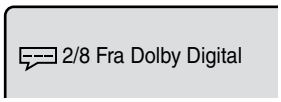
1 Press **AUDIO** during playback.

The current soundtrack language will appear.



2 Press **AUDIO** repeatedly until the desired language is selected.

The on-screen display will disappear after a few seconds.



Subtitles

Turning the Subtitles On and Off

When playing back a disc recorded with subtitles, you can turn the subtitles on or off.

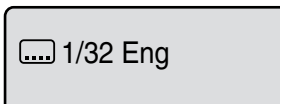
Press **SUBTITLE** during playback until “Off” appears.



Changing the subtitle language

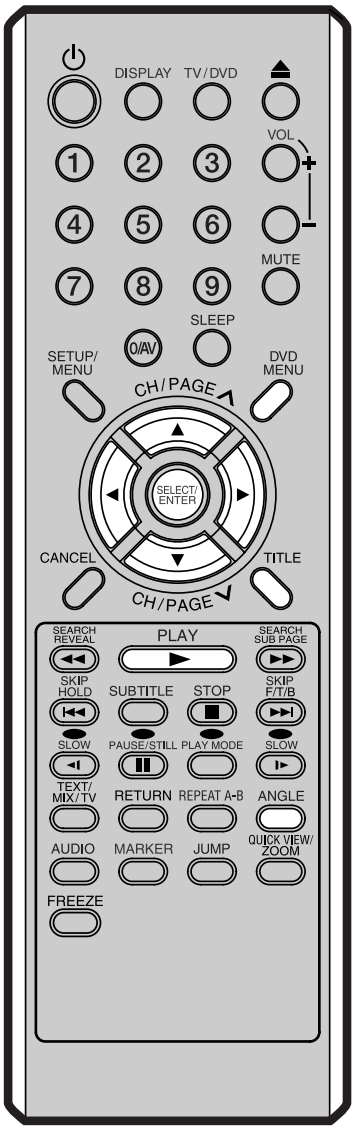
You can select the language when playing back a disc recorded with multi-lingual subtitles.

1 Press **SUBTITLE** repeatedly during playback until your desired language appears.



2 The on-screen display will disappear after a few seconds.

CHANGING ANGLES/TITLE SELECTION/DVD MENU



NOTES:

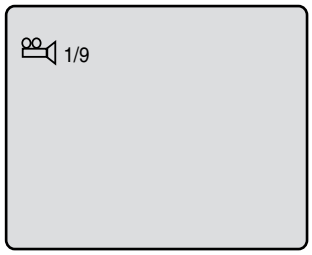
- Depending on the DVD, you may not be able to change the angles even if multi-angles are recorded on the DVD.
- Depending on the DVD, you may not be able to select the title. Depending on the DVD, a “title menu” may simply be called a “menu” or “title” in the instructions supplied with the disc.

Changing Angles

When playing back a disc recorded with multi-angle facility, you can change the view angle.

1 Press **ANGLE** during playback.

The current angle will appear.



2 Press **ANGLE** repeatedly until the desired angle is selected.

Title Selection

Two or more titles are recorded on some discs. If the title menu is recorded on the disc, you can select the desired title.

1 Press **TITLE** during playback.
Title menu appears on the screen.

2 Press ▲/▼ or ◀/▶ to select the desired title.

3 Press **ENTER** or **PLAY**.
The playback of the selected title will start.

DVD Menu

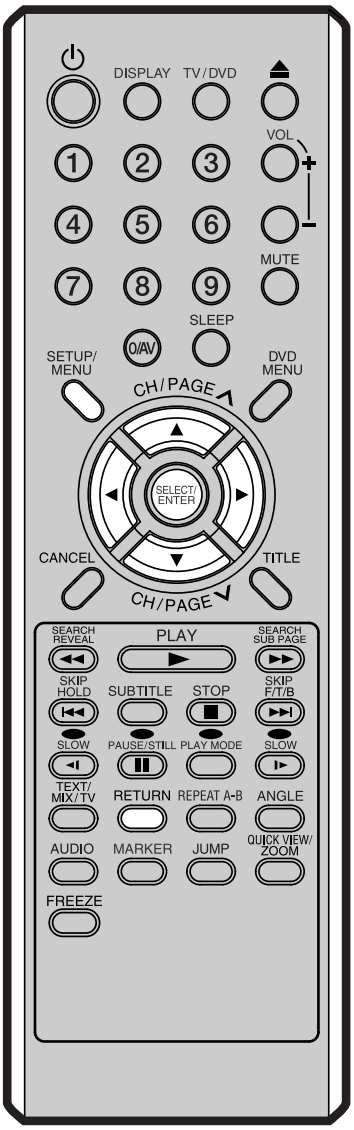
Some DVDs allow you to select the disc contents using the menu.
When you play back these DVDs, you can select the subtitle language and soundtrack language, etc. using the DVD menu.

1 Press **DVD MENU** during playback.
The DVD menu appears on the screen.

- Press **DVD MENU** again to resume playback at the scene when you pressed **DVD MENU**.

2 Press ▲/▼ or ◀/▶ to select the desired item.

3 Press **ENTER**.
The menu continues to another screen. Repeat steps **2** and **3** to set any additional items.

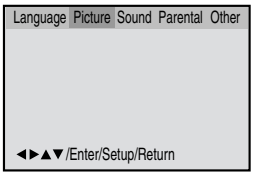


NOTE:
It is not always possible for the DVD disc to display the picture as per your preferred picture setting - for example, if you select "4:3 Panscan", the disc may not offer this option. In this case the picture would display in whichever format the disc is capable of playing back.

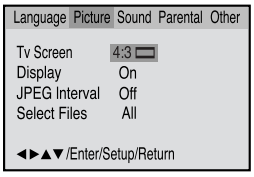
Setting the aspect ratio of TV screen

You can select the aspect ratio of the picture.

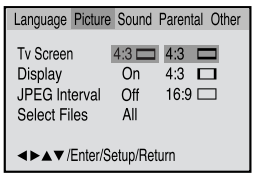
1 Press **SETUP** in the stop mode.
Press ◀ or ▶ to select "Picture".



2 Press ▼ or **ENTER**, then press ▲ or ▼ to select "Tv Screen".



3 Press ▶ or **ENTER**.
Press ▲ or ▼ to select your desired screen type, then press **ENTER**.



You have the following screen sizes to choose from:

4:3 ▭ Letterbox
When playing back a wide screen-DVD disc, it displays the wide picture with black bands at the top and bottom of screen.

4:3 ▯ Panscan
It displays the wide picture on the whole screen with left and right edges automatically cut off.

16:9 ▭ Wide screen
A wide screen picture is displayed full size, although the image on the screen may be geometrically distorted in this mode because the TV screen has an aspect ratio of 4:3 not 16:9. However it is possible to connect this set to an external widescreen (16:9) TV set via the SCART socket.

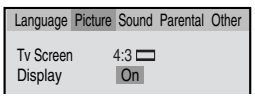
4 Press **SETUP** or **RETURN** to remove the Menu screen.

Setting on screen display

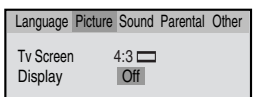
On screen display can be switched on or off when you press the DISPLAY button.

1 Press **SETUP** in the stop mode or No Disc.
Press ◀ or ▶ to select "Picture".

2 Press ▼ or **ENTER**, then press ▲ or ▼ to select "Display".



3 Press ▶ or **ENTER** to select "On" or "Off".

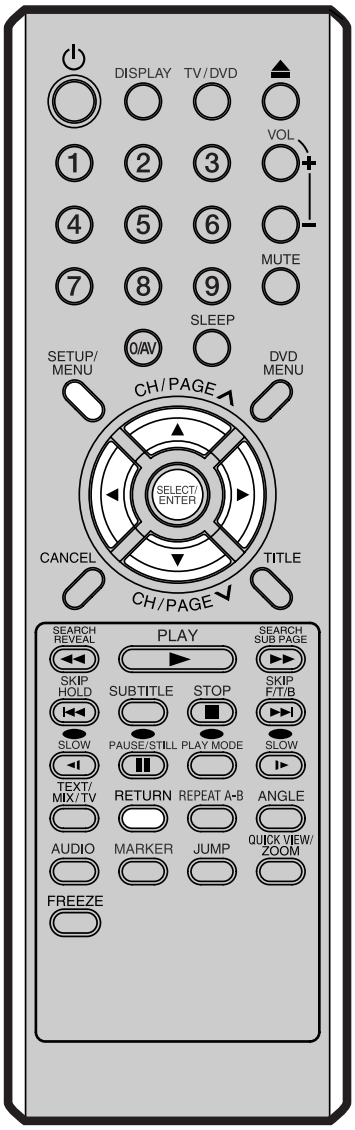


On: On screen displays appear when you press the buttons (factory setting).
Off: On screen displays do not appear when you press any buttons except **SETUP**, **SEARCH MODE**, **PLAY MODE** and **DISPLAY**.

4 Press **SETUP** or **RETURN** to remove the Menu screen.

DYNAMIC RANGE CONTROL

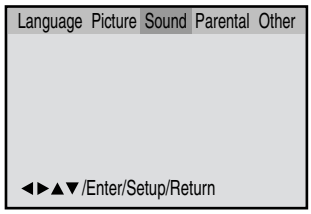
DRC (Dynamic Range Control) enables you to control the dynamic range so as to achieve a suitable sound for your equipment.



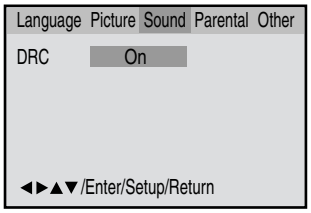
NOTES:

- This function works only during playback of Dolby Digital recorded discs.
- The level of Dynamic Range Reduction may differ depending on DVD video disc.

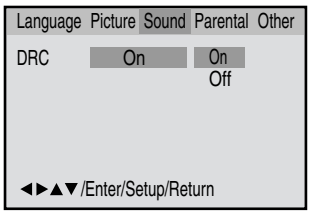
1 Press **SETUP** in the stop mode or No Disc.
Press ◀ or ▶ to select "Sound".



2 Press ▼ or **ENTER** to select "DRC".



3 Press ▶ or **ENTER**, then press ▲ or ▼ to select desired setting, then press **ENTER**.

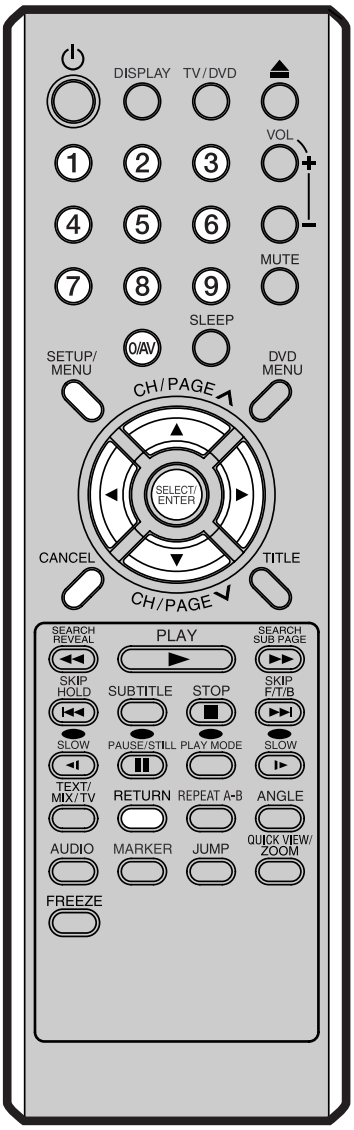


On : Dynamic range is on.
Off : Dynamic range is off.

4 Press **SETUP** or **RETURN** to remove the Menu screen.

PARENTAL CONTROL SETTING

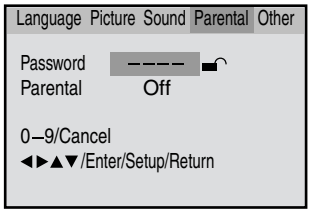
Some discs are specified not suitable for children. Such discs can be limited not to play back with the unit.



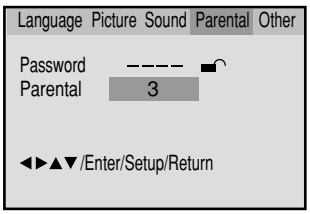
NOTES:

- **If each setup (P.26,31,32,38~41,43~45) has been completed, the unit can always be worked under the same conditions (especially with DVD discs). Each setup will be retained in the memory when you turn the power off.**
- Depending on the discs, the unit cannot limit playback.
- Some discs may not be encoded with specific rating level information though its disc jacket says "adult." For those discs, the age restriction will not work.

1 Press **SETUP** in the stop mode or No Disc.
Press ◀ or ▶ to select "Parental". Then press ▼ or **ENTER**.

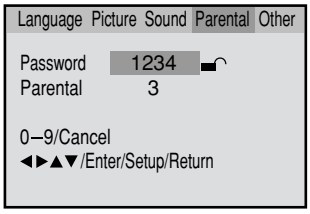


2 Press ▲ or ▼ to select "Parental", then press ◀ or ▶ until the level you require appears.

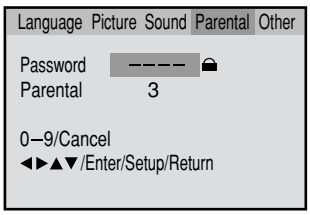


- **Level Off :** The parental control setting does not function.
- **Level 8 :** Virtually all DVD software can be played back.
- **Level 1 :** DVD software for adults cannot be played back.
- Select from level 1 to level 8. The limitation will be more severe as the level number decreases.

3 Press ▲ or ▼ to select "Password".
Press **Number buttons (0-9)** to input a 4-digit password. Be sure to remember this number!
- If you input a wrong number, press **CANCEL**.

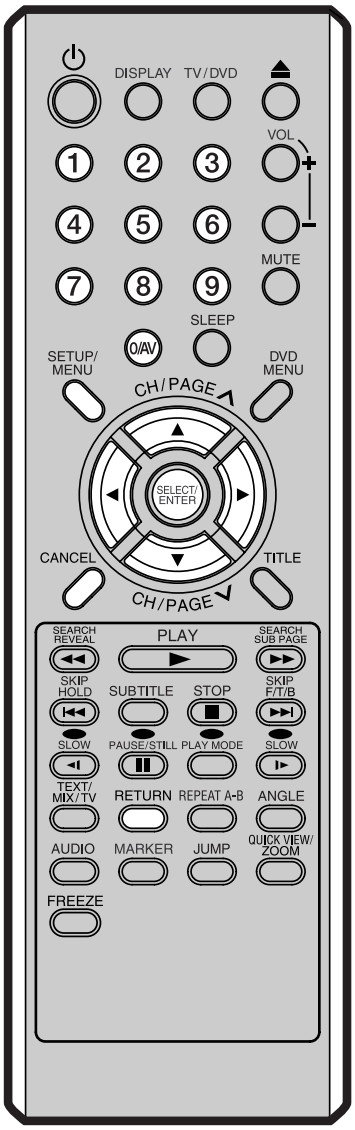


4 Press **ENTER** to store the password.
NOTE: Now the rating is locked and the setting cannot be changed unless you enter the correct password.



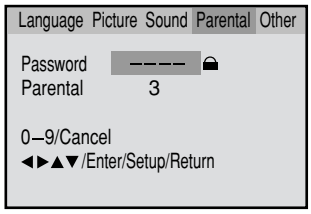
5 Press **SETUP** or **RETURN** to remove the Menu screen.

TO CHANGE THE PARENTAL LEVEL

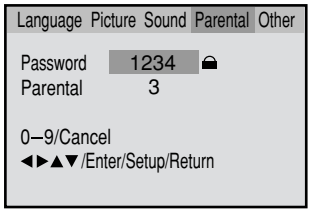


NOTE:
Do not forget the password. If you forget the password, you can reset the code as follow:
Press and hold the Stop button on the front panel, then press and hold the number **7** button on the remote control at the same time. The On-Screen display will show "PASSWORD CLEAR". You can now set a new password.

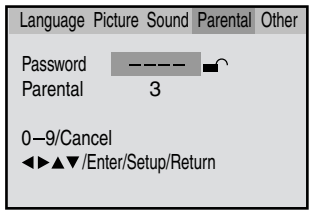
1 Press **SETUP** in the stop mode or No Disc.
Press ◀ or ▶ to select "Parental". Then press ▼ or **ENTER**.



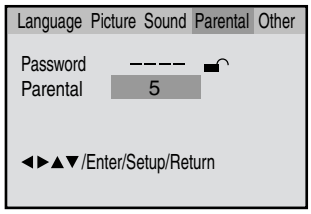
2 Press **Number buttons (0-9)** to enter the password you have stored.
• If you input a wrong number, press **CANCEL**.



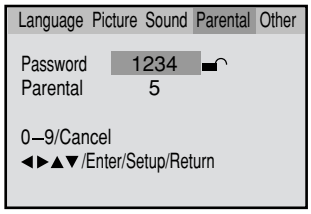
3 Press **ENTER**.
The rating is now unlocked.



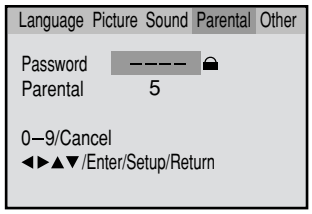
4 Press ▲ or ▼ to select "Parental", then press ◀ or ▶ to change the parental level.



5 Press ▲ or ▼ to select "Password", then press **Number buttons (0-9)** to enter the password.
NOTE: You can change the password at this time if you want.



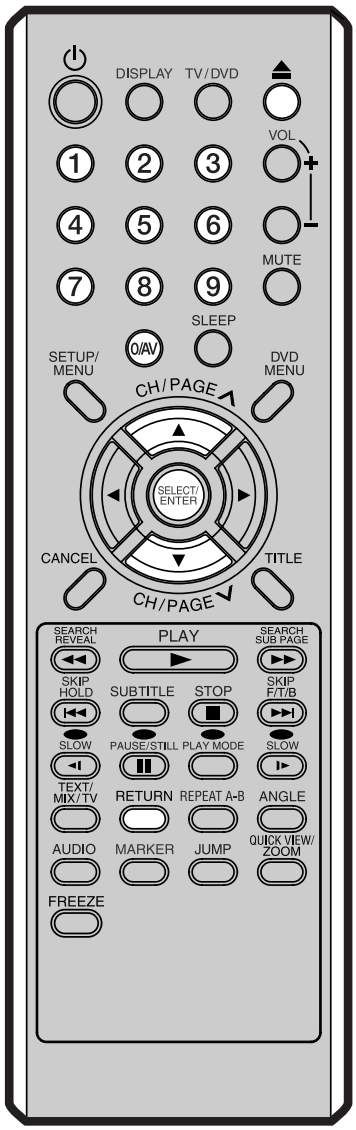
6 Press **ENTER**.
The parental level is changed and locked.



7 Press **SETUP** or **RETURN** to remove the Menu screen.

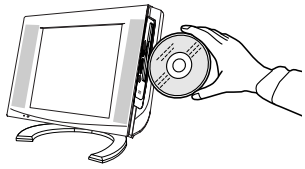
TEMPORARY DISABLING OF RATING LEVEL BY DVD DISC

Depending on the DVD disc, the disc may try to temporarily cancel the rating level that you have set.
It is up to you to decide whether to cancel the rating level or not.



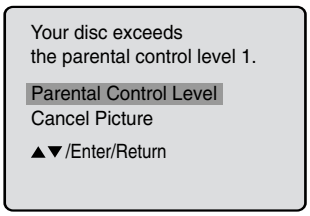
NOTE:
This temporary cancellation of rating level will be kept until the disc is ejected. When the disc is ejected, the original rating level will be set again automatically.

1 Load a DVD disc (see page 27).



2 If the DVD disc has been designed to temporarily cancel the Rating level, the screen which follows the “Reading” screen will change, depending on which disc is played. If you select “YES” with **ENTER** key, “Your disc exceeds the parental control level 1.” (e.g.) screen will then appear.

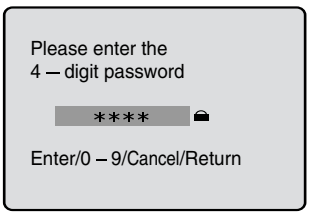




3 If you wish to cancel the set rating level temporarily, select “Parental Control Level” with ▲ or ▼, then press **ENTER**. If the 4-digits password at step **3** on page 40 has been set, the password entering screen will appear as shown in step **4** below. Alternatively, if the password has not been set, playback will commence. If you don’t know (or have forgotten) the password, select “Cancel Picture”.
The setting screen will disappear. Press ⏏ **(EJECT)** to remove the disc.

4 Enter the password with **Number buttons (0-9)**.
Then press **ENTER**.

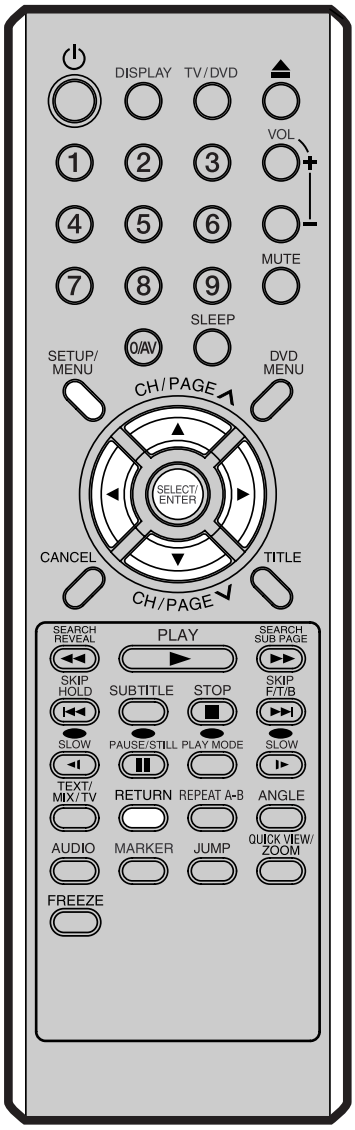
If you interrupt the entering, press **RETURN**.



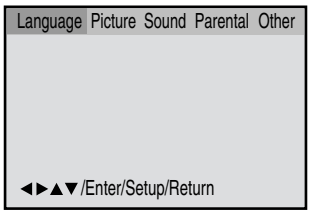
5 Playback will commence if the entered password was correct.

SETTING MENU LANGUAGE

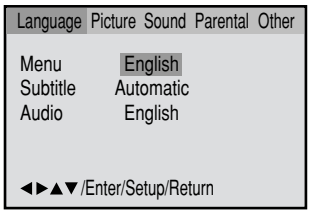
You can select the language of the disc menu messages of DVDs.



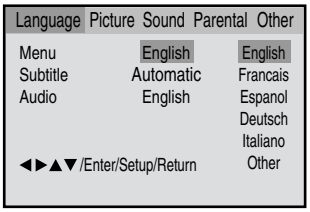
1 Press **SETUP** in the stop mode. Press ◀ or ▶ to select “Language”.



2 Press ▼ or **ENTER**. Then press ▲ or ▼ to select “Menu”.



3 Press ▶ or **ENTER**. Press ▲ or ▼ to select your desired language, then press **ENTER**.



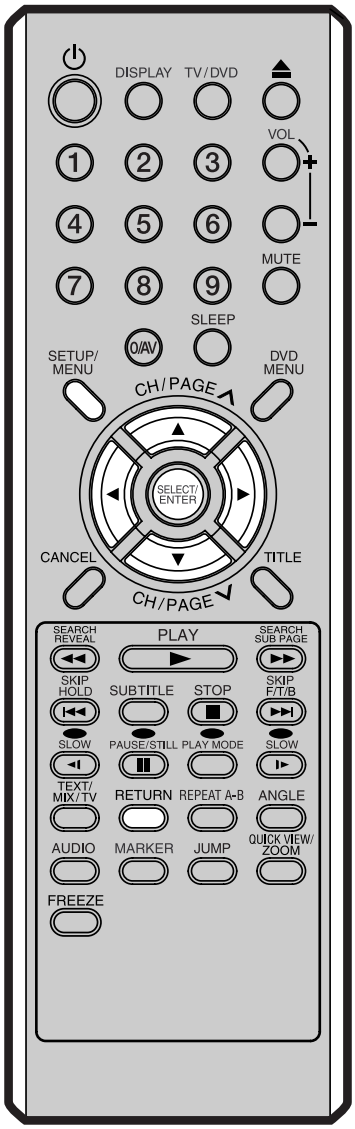
English, Francais, Espanol, Deutsch, Italiano:
The selected language is the first priority Menu language.

Other:
Other languages can be selected (See the Language code list on page 46).

4 Press **SETUP** or **RETURN** to remove the Menu screen.

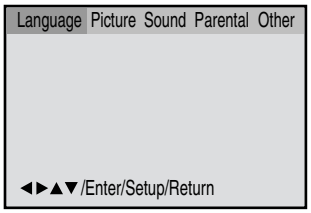
SETTING SUBTITLE LANGUAGE

The same subtitle language can always be selected even if you replace the disc or turn the power off.

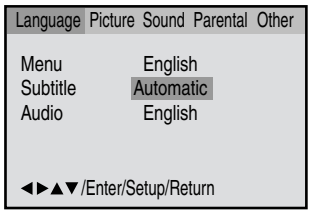


NOTE:
If the selected language is not recorded on the disc, the first priority language is selected.

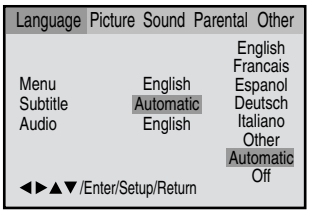
1 Press **SETUP** in the stop mode. Press ◀ or ▶ to select "Language"



2 Press ▼ or **ENTER**.
Then press ▲ or ▼ to select "Subtitle".



3 Press ▶ or **ENTER**.
Press ▲ or ▼ to select your desired language, then press **ENTER**.



English, Francais, Espanol, Deutsch, Italiano:
The subtitle is displayed with the selected language if it is recorded on the disc.

Other:
If you want to select another language, enter the language code (See the Language code list on page 46).

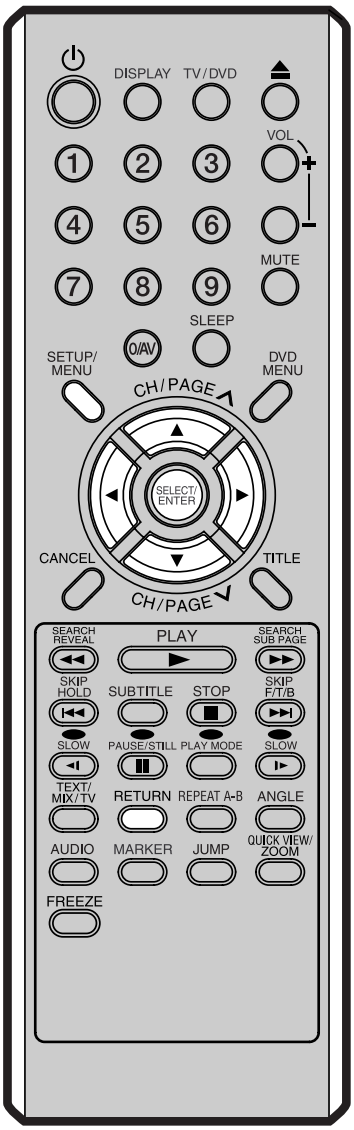
Automatic:
- The unit will automatically select the same language in the AUDIO setting.
- When the unit selects the same language as the AUDIO, the subtitles will not appear during playback.
- When you do not use the same language as the AUDIO, the subtitles will appear during playback.

Off:
Subtitles do not appear.

4 Press **SETUP** or **RETURN** to remove the Menu screen.

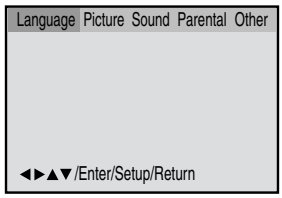
SETTING AUDIO SOUNDTRACK LANGUAGE

The same audio soundtrack language can always be selected by your unit even if you replace the disc or turn the power off.

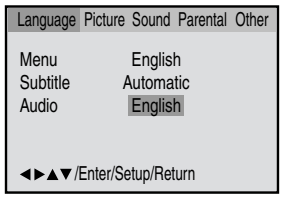


NOTE:
If the selected language is not recorded on the disc, the original language will be heard.

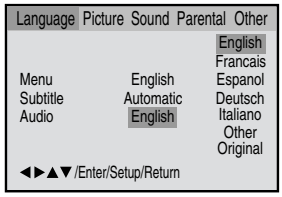
1 Press **SETUP** in the stop mode.
Press ◀ or ▶ to select "Language"



2 Press ▼ or **ENTER**.
Then press ▲ or ▼ to select "Audio".



3 Press ▶ or **ENTER**.
Press ▲ or ▼ to select your desired Audio Language, then press **ENTER**.



English, Francais, Espanol, Deutsch, Italiano:
The language you have selected will play if it is recorded on the disc.

Other:
If you want to select another language, enter the language code (See the Language code list on page 46).

Original:
The unit will select the first priority language of each disc.

4 Press **SETUP** or **RETURN** to remove the Menu screen.

LANGUAGE CODE LIST

Enter the appropriate code number for the initial settings "AUDIO", "SUBTITLE" and/or "MENU LANGUAGE" (see pages 43~45).

Language Name	Code	Language Name	Code	Language Name	Code	Language Name	Code
Abkhazian	1112	Fiji	1620	Lingala	2224	Singhalese	2919
Afar	1111	Finnish	1619	Lithuanian	2230	Slovak	2921
Afrikaans	1116	French	1628	Macedonian	2321	Slovenian	2922
Albanian	2927	Frisian	1635	Malagasy	2317	Somali	2925
Amharic	1123	Galician	1722	Malay	2329	Spanish	1529
Arabic	1128	Georgian	2111	Malayalam	2322	Sundanese	2931
Armenian	1835	German	1415	Maltese	2330	Swahili	2933
Assamese	1129	Greek	1522	Maori	2319	Swedish	2932
Aymara	1135	Greenlandic	2122	Marathi	2328	Tagalog	3022
Azerbaijani	1136	Guarani	1724	Moldavian	2325	Tajik	3017
Bashkir	1211	Gujarati	1731	Mongolian	2324	Tamil	3011
Basque	1531	Hausa	1811	Nauru	2411	Tatar	3030
Bengali; Bangla	1224	Hebrew	1933	Nepali	2415	Telugu	3015
Bhutani	1436	Hindi	1819	Norwegian	2425	Thai	3018
Bihari	1218	Hungarian	1831	Oriya	2528	Tibetan	1225
Breton	1228	Icelandic	1929	Panjabi	2611	Tigrinya	3019
Bulgarian	1217	Indonesian	1924	Pashto, Pushto	2629	Tonga	3025
Burmese	2335	Interlingua	1911	Persian	1611	Turkish	3028
Byelorussian	1215	Irish	1711	Polish	2622	Turkmen	3021
Cambodian	2123	Italian	1930	Portuguese	2630	Twi	3033
Catalan	1311	Japanese	2011	Quechua	2731	Ukrainian	3121
Chinese	3618	Javanese	2033	Rhaeto-Romance	2823	Urdu	3128
Corsican	1325	Kannada	2124	Romanian	2825	Uzbek	3136
Croatian	1828	Kashmiri	2129	Russian	2831	Vietnamese	3219
Czech	1329	Kazakh	2121	Samoan	2923	Volapük	3225
Danish	1411	Kirghiz	2135	Sanskrit	2911	Welsh	1335
Dutch	2422	Korean	2125	Scots Gaelic	1714	Wolof	3325
English	1524	Kurdish	2131	Serbian	2928	Xhosa	3418
Esperanto	1525	Laothian	2225	Serbo-Croatian	2918	Yiddish	2019
Estonian	1530	Latin	2211	Shona	2924	Yoruba	3525
Faroese	1625	Latvian, Lettish	2232	Sindhi	2914	Zulu	3631

BEFORE REQUESTING SERVICE

If your unit does not work properly check the following before calling a service engineer.

SYMPTOMS	CAUSE	SOLUTION	PAGE
POWER			
No power.	The Mains lead is not connected.	Connect Mains lead to AC socket.	7
	POWER button is OFF.	Set it to ON.	11
TV BROADCAST RECEPTION			
No picture, no sound.	The Mains lead is disconnected.	Connect the Mains lead to the AC socket.	7
	Antenna connector is not connected or wires are broken.	Check antenna connections or broken wires.	8
	POWER button is off.	Press the POWER button.	11
	Possibly station trouble.	Try another channel.	15
Sound OK, poor picture.	Possibly station trouble.	Try another channel.	15
	Antenna connector is not connected or wires are broken.	Check antenna connections or broken wires.	8
	Possibly local interference.	Move the antenna away from the source of interference.	21
Picture OK, poor sound.	Possibly station trouble.	Try another channel.	15
	Possibly local interference.	Move the antenna away from the source of interference.	21
	Volume control set at minimum position.	Increase VOLUME control.	15
Poor reception.	Antenna connector is not connected or wires are broken.	Check antenna connections or broken wires.	8
	Possibly station trouble.	Try another channel.	15
Poor colour or no colour.	Antenna connector is not connected or wires are broken.	Check antenna connections or broken wires.	8
	Possibly station trouble.	Try another channel.	15
	Possibly local interference.	Move the antenna away from the source of interference.	21
	Colour control is not adjusted.	Adjust the colour settings.	18
DVD			
The playback picture has occasional distortion.	The disc is dirty.	Eject the disc and clean it.	24
	It is in fast forward or fast reverse playback.	Some times a small amount of picture distortion may appear. This is not a malfunction.	–
The unit does not start playback.	No disc is inserted.	Insert a disc.	27
	An unplayable disc is inserted.	Insert a playable disc (Check the disc type and colour system).	24
	The disc is dirty.	Clean the disc.	24
	The parental lock function is set.	Cancel the parental lock function or change the parental lock level.	40,41
Playback does not follow the course of the disc's program.	It is in the mode of repeat playback, memory playback, etc.	These operations may prevent a proper progress of the contents.	–
✋ appears on the screen.	The function is prohibited with the unit or the disc.	–	–
REMOTE CONTROL			
Remote control does not work.	It is not aimed at the remote sensor.	Aim it at the remote control sensor.	6
	Distance too far or there is too much light in the room.	Operate within 5 metres and reduce the light of the room.	6
	Obstacle in the path of beam.	Clear the path of the beam.	6
	Batteries are weak.	Replace batteries.	6
	Polarities of the batteries, + or –, are not inserted correctly.	Install batteries correctly.	6

SPECIFICATIONS

GENERAL	
Power supply:	AC 240V 50Hz
Power consumption:	Operation : 50W Stand by : 3W
Weight:	5.5 kg (12.1 lbs)
Dimensions:	Width : 476 mm Height : 357.5 mm Depth : 182 mm
Operating temperature:	5°C - 40°C
Operating humidity:	Less than 80%
TELEVISION	
Type:	14” (356.4 mm Visible)
Display method:	Transmission TFT color LCD panel
Number of Pixels:	640 (H) x 480 (V)
Viewing angle:	Left/Right : 85/85 degree Up/Down : 85/85 degree
Tuner type:	Quartz PLL Frequency Synthesized
Receiving channels:	VHF: 0-S41 UHF: 21-69
Antenna input:	VHF/UHF 75 ohm unbalanced
Speaker:	38 mm x 69 mm, 8 ohm x 2
Audio output power:	1.5W + 1.5W
DVD/CD player	
Signal system:	PAL
Applicable disc:	1. DVD (12cm, 8cm [with Disc adapter]) 2. CD (12cm, 8cm [with Disc adapter])
Input:	Video : (RCA) 1 Vp-p/75ohms Audio : (RCA) –3.8 dBm/50Kohm
Digital audio out:	0.5Vp-p 75ohms terminated
Pickup:	CD : Wavelength: 775 - 815 nm Maximum output power: 0.5 mW DVD : Wavelength: 650 - 666 nm Maximum output power: 2.0 mW
ACCESSORIES:	Remote control Batteries (UM-4) x 2 AC adaptor AC mains lead 21 pin-RCA Adapter

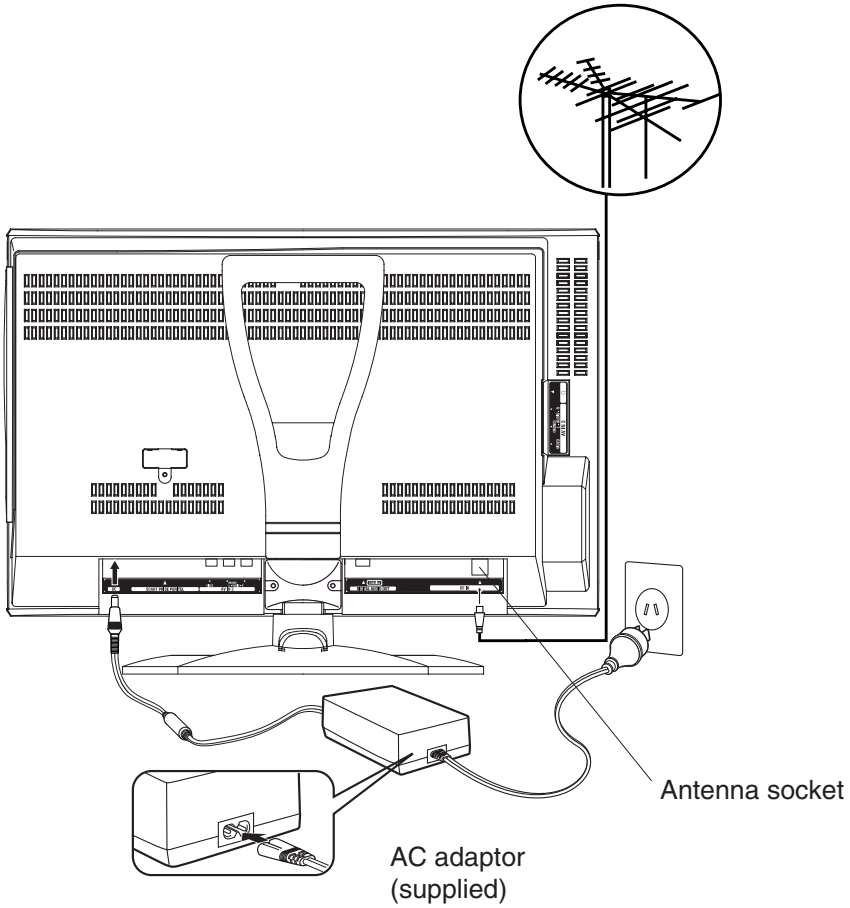
Weight and Dimensions are approximate. Because we continually strive to improve our products we may change specifications and designs without prior notice.

ORION ELECTRIC CO., LTD. (JAPAN)

J5N70301B
04/10 K

ORION

Antenna and Power Connections Connect as follows.



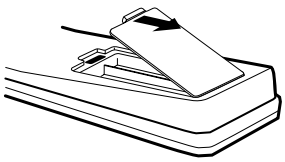
How to install the batteries

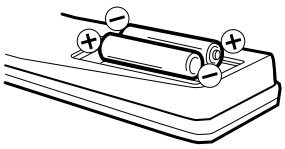
Use battery type **UM-4 (AAA-Size)**.

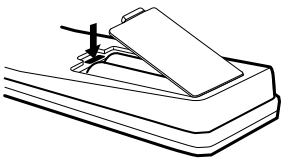
1 Open the cover in direction of the arrow and take it off.

2 Install the batteries as shown below, pay attention to polarities.

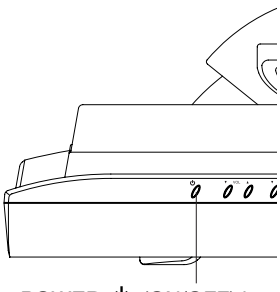
3 Replace cover.







Unit turning on



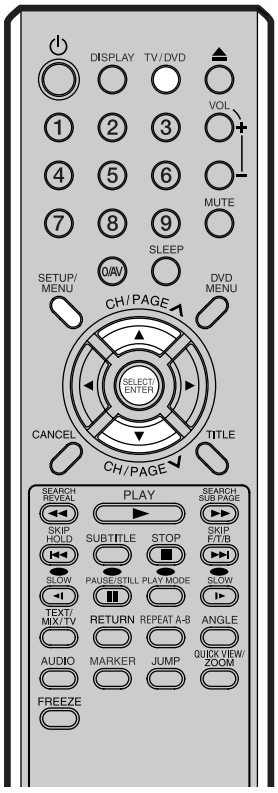
POWER ⏻ (ON/OFF) button

1 Make sure that the AC mains lead and AC adaptor plug are connected correctly. (See the previous page.)



2 Press ⏻ (Power) on the top of the unit or remote control. The STANDBY (⏻) indicator will go off.

On-screen language selection



1 Press **TV/DVD** to select TV mode.

2 Press **MENU**.
If you press **MENU** for the first time, the language setting menu will appear.

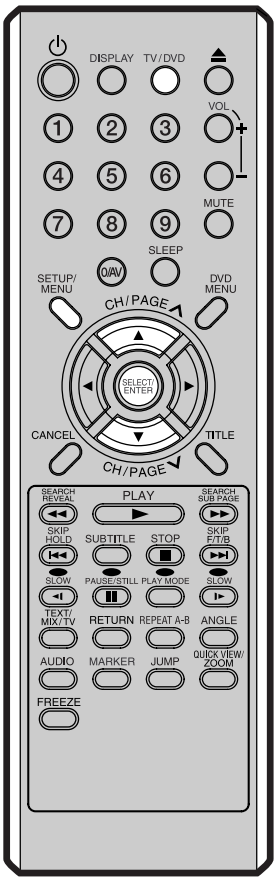
3 Press ▲ or ▼ to select the desired language.
Then press **ENTER**.



4 Press **MENU** to return to the normal TV screen.

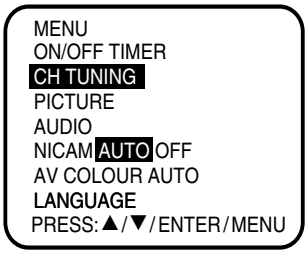
Channel preset

Automatic tuning

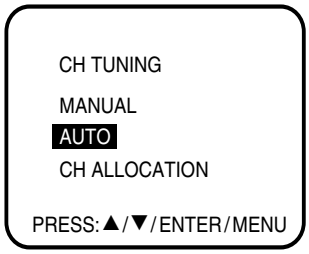


1 Press **TV/DVD** to select TV mode.

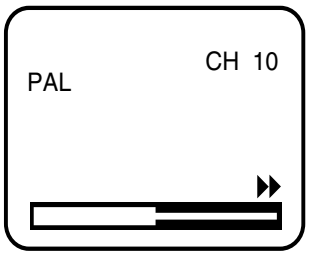
2 Press **MENU**.
Press ▲ or ▼ to select CH TUNING. Then press **ENTER**.



3 Press ▲ or ▼ to select AUTO.

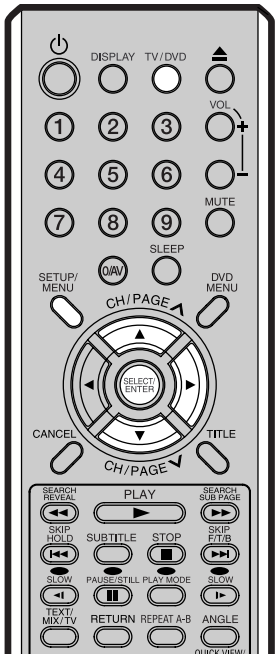


4 Then press **ENTER**.
The auto search starts and all channels are stored automatically, in the order that they are found. As this may not necessarily be the correct order, you can change the sequence of the channels (see page 13 or 14 of the main instruction book).



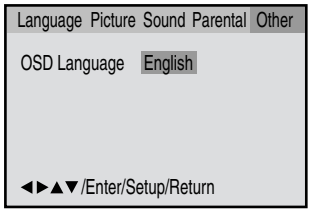
5 Press **MENU** repeatedly until normal TV screen appears.

Setting Setup language for DVD



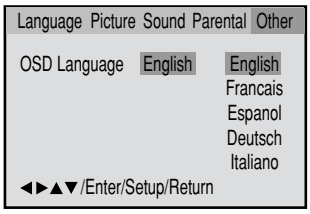
1 Press **TV/DVD** to select DVD mode.

2 Press **SETUP** in the stop mode. Press ▶ to select "Other", then press ▼ to select "OSD Language", then press ▶ or **ENTER**.

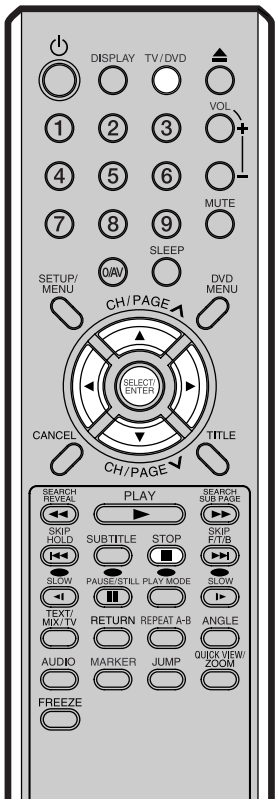


3 Press ▲ or ▼ to select desired language, then press **ENTER**.

4 Press **SETUP** until normal TV screen appears.

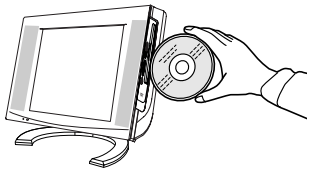


Playback



1 Press **TV/DVD** to select DVD mode.

2 Place the disc in the disc slot with the label side facing forward. (If the disc has a label.) Hold the disc without touching either of its surfaces, align it with the guides, and place it in position.



3 The menu of DVD will be read automatically. It takes a few seconds.

4 Depending on the DVD, the start-up sequence will vary. Some DVDs indicate a menu screen. Press ▲ / ▼ or ◀ / ▶ to select the menu. Then press **ENTER** to confirm the selection.

5 Press **STOP** to end playback - the unit will remember this point on the disc if you resume playback. However if you press stop again, the unit will clear the stopped point.